Yahoo Group Archive: heathkitnovicestations

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2008-05-28 through 2018-05-17

Source WARC: heathkitnovicestations.U3mtmba.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-06-22T17-02-47Z-59b852

Messages included in this PDF: 1122

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Intro: NR5A

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:03:15 UTC
From: jfelts13
Topic: 1 Message: 1

I'm Jerry in Box Elder, SD and I've always had a interest in Novice Boat Anchors, espicially Heathkits. I've got a HW-16, DX-60A, HG-10B, HR-10B. Waiting to be rebuilt is a AT-1 and the VF-1 VFO. I'm looking forward to seeing what others are doing with their gear.

Jerry - NR5A - South Dakota
www.freewebs/nr5a

2. Intro: W5COV

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:22:48 UTC
From: Charles W5COV
Topic: 2 Message: 2

I'm Charlie , in South Coffeyville , OK. First licensed WN0NTU in 1965 , Coffeyville , Kansas. We had a DX-60B at our high school club station , which might as well have been a Collins to me. I operated it with the HRO-5 receiver , every chance I had.
My first rig at home was an Ameco AC-1 and an S-40 receiver. Worked a lot of stations with that lineup too.
Looking forward to getting my Heath dream station on the air. DX-60 , HG-10 , HR-10 .

73,
Charlie

3. Re: [heathkitnovicestations] Intro: NR5A

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:23:03 UTC
From: Tom NØJMY - AAR7FV
Topic: 1 Message: 3

Good to hear you're on here, Jerry. And a coincidence. Paul K2LMQ
e-mailed me not more than a half hours ago, inquiring as to your health
and welfare. Hope both are good.

73,
Tom

Front Panel Overlays for Ham Radio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
www.hayseedhamfest.com

jfelts13 wrote:
>
>
> I'm Jerry in Box Elder, SD and I've always had a interest in Novice
> Boat Anchors, espicially Heathkits. I've got a HW-16, DX-60A, HG-10B,
> HR-10B. Waiting to be rebuilt is a AT-1 and the VF-1 VFO. I'm
> looking forward to seeing what others are doing with their gear.
>
> Jerry - NR5A - South Dakota www.freewebs/nr5a
>
>

4. Who I Am - K5MYJ

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:23:48 UTC
From: Bob Macklin
Topic: 4 Message: 4

My name is Bob Macklin. I currently live about 25 miles South of Seattle. I am a retired EE and I spent my early years in telemetery.

I got my Novice ticket in1957 when I was a S/Sgt in the USAF at Bergstrom AFB, Austin, Tx. My Novice call was KN5MYJ. I got my Tech ticket at the same time.

My first transmitter was an 807 MOPA with a rebiult S-38. The origianl with the real BFO.

1957/58 was the hottest period on record. We did not know that at the time. I only operated on 40M. I only had one crystal. and it was a HAND-ME-DOWN! All the parts for my Tx were scrounged from the USAF.

I was a Radar/Gunsight tech, not a Radio rech. I learned radio from friends in the squadron that were radio techs. We even had a supply clerk join in with us. He must have had a rich fmily. He got a new Heathkit DX-35 kit and assembled it. He knew nothing about electroincs.

Bob Macklin
K5MYJ
Seattle, Wa.

5. Hello

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:29:58 UTC
From: Paul Beckwith
Topic: 5 Message: 5

Hello Bob, Jerry, etc. I'm Paul, K2LMQ in Kingman, AZ. I'm a collector and user of vintage Novice gear. Licensed as KN2LMQ in 1955. It's been a good run and I still love playing with the tube gear.

_____
Give to a good cause with every e-mail. Join the i’m Initiative from Microsoft.
http://im.live.com/Messenger/IM/Join/Default.aspx?souce=EML_WL_ GoodCause

6. Intro: N8IE

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:32:56 UTC
From: N8IE
Topic: 2 Message: 6

Hello all.
My name is Dan and I live in Kettering, Oh. About 10 miles south of where Hamvention is held.

My Novice station is:
Heathkit DX-60A
Heathkit HG-10B
Heathkit HR-10B
Hallicrafters SX-99
I use a D-104 amplified Silver Eagle mic, and a Lionel J-38 hand key.
Antennas are a 135' inverted vee, an inverted L for 160, and a 40 meter dipole.

That's about it!
73
Dan, N8IE

No virus found in this outgoing message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 269.24.2/1471 - Release Date: 5/28/2008 5:33 PM

7. Re: Who I Am - K5MYJ

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:44:46 UTC
From: Bob Macklin
Topic: 4 Message: 7

A little bit more:

I live in a senior apartment 25 miles South of Seattle. At least it is on the 4th floor. It is 20' by 20'. No way to have an outdoor antenna.

When I moved in here 5 years ago I put up a 33' foot wire along the wall about 6" below the ceiling/ The station is in the SE coner of the apartment. The antenna goes West about 18' then North about 12' then back East for the remainder. This place was built with plastic pipes so there is no water pip to use for a ground. I have been afraid to use the power wiring for a counterpoise.

I am working currently on setting up a full 40M dipole within my limitations. It should be done by the end of June.

I bought my DX-60/HG-10/HR-10 on eBay in 2003. I also have a SB-614, SB-634, and SB-604 speaker on this staion.

I did hear some 40M CW last night. It has been pretty quite here for the past year except for contests.

Bob Macklin
K5MYJ
Seattle, Wa.

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin" <rottenrobbie0@...> wrote:
>
> My name is Bob Macklin. I currently live about 25 miles South of
> Seattle. I am a retired EE and I spent my early years in telemetery.
>
> I got my Novice ticket in1957 when I was a S/Sgt in the USAF at
> Bergstrom AFB, Austin, Tx. My Novice call was KN5MYJ. I got my Tech
> ticket at the same time.
>
> My first transmitter was an 807 MOPA with a rebiult S-38. The
> origianl with the real BFO.
>
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> time. I only operated on 40M. I only had one crystal. and it was a
> HAND-ME-DOWN! All the parts for my Tx were scrounged from the USAF.
>
> I was a Radar/Gunsight tech, not a Radio rech. I learned radio from
> friends in the squadron that were radio techs. We even had a supply
> clerk join in with us. He must have had a rich fmily. He got a new

> Heathkit DX-35 kit and assembled it. He knew nothing about
> electroincs.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
>

8. Re: Intro: N8IE

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:55:53 UTC
From: Bob Macklin
Topic: 2 Message: 8

Dan,

I do have a Sx-110 which is just a SX-99 with a sliderule dial! I am trying to save enough money to get a NC-98.

Bob Macklin
K5MYJ
Seattle, Wa.

--- In heathkitnovicestations@yahoogroups.com, "N8IE" <n8ie@...> wrote:
>
> Hello all.
> My name is Dan and I live in Kettering, Oh. About 10 miles south of where
> Hamvention is held.
>
> My Novice station is:
> Heathkit DX-60A
> Heathkit HG-10B
> Heathkit HR-10B
> Hallicrafters SX-99
> I use a D-104 amplified Silver Eagle mic, and a Lionel J-38 hand key.
> Antennas are a 135' inverted vee, an inverted L for 160, and a 40 meter
> dipole.
>
> That's about it!
> 73
> Dan, N8IE
>
>
> No virus found in this outgoing message.
> Checked by AVG.
> Version: 7.5.524 / Virus Database: 269.24.2/1471 - Release Date: 5/28/2008
> 5:33 PM
>

9. Re: [heathkitnovicestations] Intro: N8IE

Yahoo group: heathkitnovicestations
Date: 2008-05-28 22:58:39 UTC
From: Jon M. Schumacher
Topic: 2 Message: 9

Hello to the ex-novice group,

After reading all the intro's, I feel like a youngster. I was first licensed as KN9REE in Monona, WI in Feb., 1959. Lots of CQ's and no QSO's with an original S-38 and AT-1 on 40M. Finally, I got some help after a couple of months and developed some proficiency. Going to 80 meters helped a lot but but field day operating and acquisition of a used S-85 made the difference.

With a paper route, it was only possible to buy a few little things to upgrade the station, but eventually I ended up with a Hammarlund Super Pro (BC-779) and a few transmitters including a Knight T-50, Lysco 600, and finally a DX-35. J-38 keys were 50 cents and crystals were around a buck.

After a couple of years, I moved primarily to 6 and 2 meters but kept up activity on the low bands as well. Like the rest of you, military surplus was a mainstay of the shack and an endless supply of command sets, ARC-1, 2, 3, and 4's made noise on VHF. I even had a BC-610 running on 80 meters for a while.

Well, the DX-60, HR-10, and HG-10 are ready to go when we get back from vacation next week. An HW-16 is presently on 40 meters.

Jon, K1NV (ex-K7NV, K9REE, KN9REE)
Pahrump, Nevada

10. Intro: WQ9E

Yahoo group: heathkitnovicestations
Date: 2008-05-28 23:06:08 UTC
From: kb9wia
Topic: 10 Message: 10

Hi all, (or y'all since I am originally from the MS gulf coast)

I got my novice in 1975 and my novice rig was a Johnson Valiant/Halli SX-101; it was difficult keeping the Valiant properly loaded while keeping the power input to 75 watts! About 1994 I decided to recreate my novice station and that was my start of vintage gear collection/restoration/operation. I currently have around 200 pieces of operational vintage gear ranging in size from an HW-8 through a Johnson Desk KW and a Gates BC-250GY on 160.

I also enjoy operating the simple novice rigs and I have several "novice" stations including a DX-60/HR-10; Viking Adventurer/Mosley CM-1; Drake 2NT/2C; Knight T-60/HQ-110; Hallicrafters HT-40/SX-140; Ranger II/NC-270; and my recreated original novice station Valiant/SX-101.

I am a professor of Marketing at Illinois State University and am just about finished teaching a 3 week international marketing course so I will have some free time for the radio room shortly. I look forward to learning more in this group and thanks to Bob Macklin for getting this going!

73, Rodger WQ9E

11. Intro: KM1H

Yahoo group: heathkitnovicestations
Date: 2008-05-28 23:21:28 UTC
From: Carl
Topic: 11 Message: 11

Hi, Im Carl and first licensed as KN2QJM in 1956. My first Novice station was a HB 6AG7/6L6 out of the 1951 Handbook. The receiver was a HB 4 tube regen out of a 1954 Popular Mechanics. Later on I had a DX-20 and HQ-129X and moved up to a Viking I when I got my General. Ive since obtained another HQ-129X/Viking I and use them often on AM.

I currently have a DX-35, DX-60/HG-10B and Johnson Adventurer and Im in the process of setting up several vintage operating positions.

Im a retired EE with plenty of time to play.

12. Backgrounds?

Yahoo group: heathkitnovicestations
Date: 2008-05-28 23:33:49 UTC
From: Bob Macklin
Topic: 12 Message: 12

Some of us know some of Glen and Carls background.

When I got out of the USAF in late 58 one of my early jobs was as a tech in the Semiconductor Industry. We used 20KW and 35KW RF Generators to grow silicon crystals. These were simple power oscillators modulated by a saturable reactor. They were 3 phase 60KC units so you could here the crap a 1/4 mile away on your car radio, It was a strong 360CPS.

The next job I got was as a tech in telemetery. That's were I grew up. Most of the work was for NASA and and the DOD. but in 62 to 65 we dis a bunch of syetems for Disney. We built the recordes that ran the Lincoln display, the GE Carasol of Progress, and the Small, Small World the the 64/65 Worlds Fair in NYC.

After a bunch of layoffs in this industry I tried the growing computer industry in 1970. I found the same layoff problem in that industry.

In 76 an ex-boss from the computer indusrty sucked me into a job at NASA Ames Research Center. It was designing the controller for NASA's Airborne Telescopes. In 78 I became the manage of this group. But in late 79 the contrator I was working for lost the contract because of fraud. I was forced to leave. But NASA arranged a position for me at the UofAz in charge of their telescope facilities their. After leaving the UofAz I went back to Silicon Valley and worked as a designer of disk drive controllers.

I retiered afer being laid off from a medical electronics job in 98. I moved to Seattle in 2000.

Bob Macklin
K5MYJ
Seattle, Wa.

13. Love my novice days, I am owner of Heathkit::yahoo site

Yahoo group: heathkitnovicestations
Date: 2008-05-29 00:09:24 UTC
From: Van Lincoln (wd8aam)
Topic: 2 Message: 13

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thank you for starting this, it is an interesting
subject as a specialty area to Heathkit/yahoo groups.
I will be reading all emails with interest!
Van Lincoln, wd8aam
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14. w0vt

Yahoo group: heathkitnovicestations
Date: 2008-05-29 00:39:11 UTC
From: pulsarair
Topic: 14 Message: 14

Name is Lee and have been licenced since 1953. First call was WN9DRC and my first rigs were a slat board 6V6, then a Burstein-Applebee "EAGLE", and then an Eldico TR-75. Over the years I have had many Heathkits but not during my Novice year. I thought I was a "BIG GUN" back then owning my Eldico TR-75. I spent most of my time on 80 meters on 3735 and a little time on 40 meters back then. Three months after getting my Novice license I passed the General and became W9DRC. I used a Globe Scout 40A on phone on all bands including 10 meters until I built a new DX-100 and later an Apache transmitter TX-1. My first receiver was a Hallicrafters S-38C and I used it on all bands with lots of success including 10 meters. Later I upgraded to a new Hallicrafters SX-96 receiver.

I presently do own a DX-60B among others.

Lee/w0vt
Houston, TX

15. K9STH

Yahoo group: heathkitnovicestations
Date: 2008-05-29 00:46:52 UTC
From: Glen Zook
Topic: 12 Message: 15

Rather than bore everyone with my background I direct those interested to

http://k9sth.com/Page_2.html

The first 5 links give the history of K9STH, photos of my existing antennas, photos of my esisting equipment, photos of my older shacks, and scans of my QSL cards basically from the beginning to the present.

There are other things on the website that may be of interest to some.

Over the years I have owned several of the Heath "Novice" equipment including the DX-20, DX-35, DX-40, HW-16, and an HR-10. My original DX-20 was modified for the 6-meter band (a single wire) that I used with a home-brew plate modulator and a BC-459 VFO. I wrote the very first article that I ever wrote on the modification. Wayne Green at 73 Magazine paid me $30 in early 1961 for an article that took up all of 2/3rds page (including the diagram) in the old "small sized" format. That was a "small fortune" for a high school junior at the time.

Glen, K9STH

Website: http://k9sth.com

16. Re: [heathkitnovicestations] K9STH

Yahoo group: heathkitnovicestations
Date: 2008-05-29 00:49:53 UTC
From: Bob Macklin
Topic: 12 Message: 16

Glen

I.m glad to see you here. I hope this works out OK.

Bob Macklin
K5MYJ
Seattle, Wa.

Glen Zook <gzook@...> wrote:
Rather than bore everyone with my background I direct those interested to

http://k9sth.com/Page_2.html

The first 5 links give the history of K9STH, photos of my existing antennas, photos of my esisting equipment, photos of my older shacks, and scans of my QSL cards basically from the beginning to the present.

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Glen, K9STH

Website: http://k9sth.com

17. Introduction

Yahoo group: heathkitnovicestations
Date: 2008-05-29 00:53:21 UTC
From: Morris Dillingham
Topic: 17 Message: 17

I'm Morris and I have the trio of DX-60B, HR-10B and HG-10B. We really need a nickname for them, you know, like the Conar Twins have that name. Perhaps the Novice Trio.

Thanks to Bob for starting this list. It should be lots of fun keeping up with everyone's activities using the old Heathkit Novice rigs.

I'm a late bloomer as far as the Ham ticket. I got sidetracked as a youngster and didn't get fully into the hobby until 2005 after I retired. I have since upgraded and love reworking the old Heathkits and other old boatanchor gear. Most of my career was in computers (sorry) but now I don't have to do that for a living and I can do what I really want and that's work with the glowing radios.

18. "olde tyme" QSL Cards

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:01:37 UTC
From: Glen Zook
Topic: 12 Message: 18

By the way, if you want to make "modern" reproductions of some of the most used Novice Class QSL cards of the 1950s into the 1960s go to the same

http://k9sth.com/Page_2.html

and scroll down to the bottom of the list of links. You can download the artwork for the old WRL "My QTH", the Walter Ashe, several of the General Electric "from the log of", the Hammarlund QSL that was available if you bought a new Hammarlund receiver, and several others. The details for adding your call to the artwork is also there.

Now you do have to have some sort of rudimentary graphics program to work with the artwork. However, most of those on the Internet do have such a program.

Glen, K9STH

Website: http://k9sth.com

19. me too

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:02:46 UTC
From: Bill Cromwell
Topic: 19 Message: 19

Hey Gang,

I'm here too. I have a DX60 and HR10 and a few other goodies. I will get them on the air as soon as possible.

73,

Bill KU8H

20. just joined

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:04:05 UTC
From: Bruce Rattray
Topic: 20 Message: 20

```
just checking things out - 73 Bruce ve5rc
```

21. further

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:12:06 UTC
From: Bruce Rattray
Topic: 21 Message: 21

I have a DX-60 and an HR-1680 - hope to get them on the air as a complete station - 73 Bruce ve5rc

22. Introduction

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:27:43 UTC
From: n2lxm@juno.com
Topic: 17 Message: 22

Greetings All,

Love to see al the activity on the group. I started out as a Technician, that went to Tech Plus, now hold a General, But I am working on the Extra. I hope to have my Heathkit Station on the air for Field Day. It is what I be leave to be the last of the Heathkit Novice Stations, HR-1660 Receiver and the HX-1661 Transmitter, while there are not " Boat Anchors " the transmitter has 6146's in the finals. If anyone knows of any mods for the receiver(Noise Blanker, CW Audio Filter, Etc) please let me know. Now to find a matching speaker, Hi Hi.

Jeff N2LXM
AMATEUR RADIO OPERATOR
AMERICAN
PATRIOT
Proud Father of two US MARINES

_____
Click here to save cash and find low rates on auto loans.
http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3ndyHyNxod0lxXLuidXpeuXPgrBDR0MMitBJjwRbqOLQ9rUl/

23. Re: [heathkitnovicestations] me too

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:49:19 UTC
From: Bob Macklin
Topic: 19 Message: 23

We seem to have quite a few people that have DX-60/HR-10 they want to get on the air.

I a have only been screwing ariubd with them for 5 years now. it's time to get them working. I'm 74 and don't know how much longer I will be able to ply with this stuff.

Amd now with the price of gas i am pretty much stuck at home most of the time. And ham radio is one thing I can do here at home.

At least this entire area is is on cable. But there are some older homes about a 1/2 mile away. I will have to drive through that area and see what kind of TVI problem I might have.

I just had a major blast of wideband noise come trough here. it just walked up and down the band. The HR-10 was on about 14.030 and the SB-301 was on 3870. Both receivers got it. This seems to happen fairly often. Then it goes away.

Bob Macklin
K5MYJ
Seattle, Wa.

Bill Cromwell <w_r_cromwell@...> wrote:
Hey Gang,

I'm here too. I have a DX60 and HR10 and a few other goodies. I will
get them on the air as soon as possible.

73,

Bill KU8H

24. Re: [heathkitnovicestations] further

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:57:02 UTC
From: Bob Macklin
Topic: 21 Message: 24

I hope you do too!

Bob Macklin
K5MYJ
Seattle, Wa.

Bruce Rattray <ve5rc@...> wrote:
I have a DX-60 and an HR-1680 - hope to get them on the air as a
complete station - 73 Bruce ve5rc

25. Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:59:24 UTC
From: k0ng@inebraska.com
Topic: 25 Message: 25

Hello All: Thanks for including me Bob !!

I am Charlie, K0NG, first licensed in 1955 (WN8AGK). My "Elmer" was tuff. He helped me build my first transmitter (6AG7 to 807) 40 and 80 meters. I liked 80 better but I was not a dx'er and am still not. First receiver was a homebrew 2 tube Regen with plug-in coils.

I like the technical aspects of radio and actual operating them. The only Heathkit I currently have on the air is my HW-16 (40/80 only) but I have plenty
other models to use/work on. Including the Twoer (you didnt forget that it was a
Novice radio did you) ??

Recently retired from Telex/Bosch time is slowly becoming available.

Good luck to the list.

73, Charlie, K0NG ..

26. CAN I PLAY?

Yahoo group: heathkitnovicestations
Date: 2008-05-29 01:59:33 UTC
From: Greg Pietrucha
Topic: 26 Message: 26

Hi Gang. Mind if I join in? I do not have a Heath Xmitter But use a Knight T-150 or Globe Scout 65A with a Heatkit 10B VFO. on the Scout. Also a Heath HO-10 scope in line...
I am Org from Chicago KNIGHT and Hellicrafters (REC is a SX110)country. moved to Kent WA in 1999 and am active with the gang on 3870 AM here on the North Left Coast...
73 Greg W7HRC

27. Re: [heathkitnovicestations] Introduction

Yahoo group: heathkitnovicestations
Date: 2008-05-29 02:00:18 UTC
From: Bob Macklin
Topic: 17 Message: 27

Use a SB-604 speaker. They show up on ebay. That's what I have on my HR-10.

Bob Macklin
K5MYJ
Seattle, Wa.

n2lxm@... wrote:
Greetings All,

Love to see al the activity on the group. I started out as a
Technician, that went to Tech Plus, now hold a General, But I am working
on the Extra. I hope to have my Heathkit Station on the air for Field
Day. It is what I be leave to be the last of the Heathkit Novice
Stations, HR-1660 Receiver and the HX-1661 Transmitter, while there are
not " Boat Anchors " the transmitter has 6146's in the finals. If anyone
knows of any mods for the receiver(Noise Blanker, CW Audio Filter, Etc)
please let me know. Now to find a matching speaker, Hi Hi.

Jeff N2LXM
AMATEUR RADIO OPERATOR
AMERICAN
PATRIOT
Proud Father of two US MARINES

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Click here to save cash and find low rates on auto loans.
http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3ndyHyNxod0lxXLuidXpeuXPgrBDR0MMitBJjwRbqOLQ9rUl/

Bob Macklin
K5MYJ
SAM 8
Near Seattle, Wa.

"REAL RADIOS GLOW IN THE DARK"

28. Re: [heathkitnovicestations] CAN I PLAY?

Yahoo group: heathkitnovicestations
Date: 2008-05-29 02:06:38 UTC
From: Bob Macklin
Topic: 26 Message: 28

Yes yo can play here!

Greg lives just up the hill from me. In a much better location. I'm in a DARK RF HOLE!

Greg, I sill am not hearing anything on 3870. Occasionally I can hear some weak signals but not strong enough to copy.

The SB-301 is parked there right now in SSB mode so if a carier comes on I will hear the beat.

Bob

Greg Pietrucha <gregpie1@...> wrote:
Hi Gang. Mind if I join in? I do not have a Heath
Xmitter But use a Knight T-150 or Globe Scout 65A with
a Heatkit 10B VFO. on the Scout. Also a Heath HO-10
scope in line...
I am Org from Chicago KNIGHT and Hellicrafters (REC is
a SX110)country. moved to Kent WA in 1999 and am
active with the gang on 3870 AM here on the North Left
Coast...
73 Greg W7HRC

29. Re: [heathkitnovicestations] Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-29 02:12:23 UTC
From: Bob Macklin
Topic: 25 Message: 29

My first Tx was a 6AG7/807 out of an early 50's handbook. I think it had an 80 rectifier. Mine was link coupled and used Millen plug-in coils. I only used it on 40M because of antenna space limitations. The story of my life. I have never lived anywhere that I has 135 feet of space for an antenna!

Bob Macklin
K5MYJ
Seattle, Wa.

k0ng@... wrote:

Hello All: Thanks for including me Bob !!

I am Charlie, K0NG, first licensed in 1955 (WN8AGK). My "Elmer" was tuff. He helped me build my first transmitter (6AG7 to 807) 40 and 80 meters. I liked 80 better but I was not a dx'er and am still not. First receiver was a homebrew 2 tube Regen with plug-in coils.

I like the technical aspects of radio and actual operating them. The only Heathkit I currently have on the air is my HW-16 (40/80 only) but I have plenty
other models to use/work on. Including the Twoer (you didnt forget that it was a
Novice radio did you) ??

Recently retired from Telex/Bosch time is slowly becoming available.

Good luck to the list.

73, Charlie, K0NG ..

30. Re: [heathkitnovicestations] Re: Who I Am - K5MYJ

Yahoo group: heathkitnovicestations
Date: 2008-05-29 03:14:21 UTC
From: Tom NØJMY - AAR7FV
Topic: 4 Message: 30

Okay, I'll try to overcome my natural bashfullness. I'm Tom, N?JMY, and yes, I own a company known to the State of Iowa as "Hayseed Hamfest Co."

I'm about 50 and have no background in electronics, other than what I've read or observed. I have an education level roughly equivalent to that of Jethro Bodine. Thus, I spent my entire working life in the truck business, eventually owning a couple of Mack Trucks distributorships, which I sold when I was 41 and basically retired.

Oh, I forgot to mention that. The main reason I retired: I'm deaf. Started losing my hearing in my late 20's, now I'm the proverbial post. Fortunately, I eventually became a guinea-pig for the University of Iowa and they chopped my head open and stuck a cochlear implant inside. Glued me shut. Now, as long as my batteries are up and every thing is working, I can get by fairly well face-to-face and c.w. is no problem. Telephones and SSB can be a real challenge, though. And when something goes haywire...it's PSK31 time for me.

Been a ham since 13, first as novice WN?DVM. That was in Cedar Rapids in 1971. I now am an extra-cheese (13 w.p.m.) and I live in the small town of Fredericksburg, a suburb of Hayseed. It's a long story.

I have an HW-16/HG-10B combo, a DX-60B/HR-10B pair, a DX-40/VF-1 lash-up, Drake 2-C/2-NT/2-CQ with a Globe V-10 thrown in for good measure, and two sets of Conar Blue-Dust Twins. Oh...also a T-60 and R-55. Great rig that R-55. You can catch any sig on the band without moving the tuning dial.

And though they aren't hollow state, I've also got an HW-99, HW-8, Ten-Tec Power Mite, and four Century 21's - all of which I consider latter-day novice rigs. Got a lot of other rigs, though not of the novice genre.

My Mosley Classic 33 even dates back to the glowbug years...and if you want to see the way *real* men put up a tower, go here: www.hayseedhamfest.com/stikraz.jpg .

73 to all. I think this will be a great list.

Tom N?JMY

Front Panel Overlays for Ham Raio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
www.hayseedhamfest.com

31. Follow-on From K2LMQ

Yahoo group: heathkitnovicestations
Date: 2008-05-29 06:37:52 UTC
From: Paul Beckwith
Topic: 31 Message: 31

Looks like the new group is off to a flying start!!

My first Novice TX in 1955 was a Heathkit AT-1. The RX was a Zenith Black Dial SW Console Radio, which had an insulated wire running from a tube cap and dangling in an IF can to supply the BFO. That was followed by a Globe Scout 65B and a HB multi-tube RX (bought), which was followed by an HRO-7. Upon obtaining a General Class License, my first acquisition was a Millen Amp that ran a pair of 35TG's in an open rack. It ran about 500w input. We lived in a super-fringe TV area and I was copied by another ham on Channel 2, some six blocks away.

There are many items in the queue for restoration here, including an HW-16 awaiting Pat's capacitor kit installation as well as an AT-1. The rig used mostly these days is a WWII Collins TCS-12 TX/RX combo. Spend most of the time on 80/40m CW. Also have a variety of Heath gear as well as other brands.

73's de Paul K2LMQ Kingman, AZ.

32. Who is NØJMY?

Yahoo group: heathkitnovicestations
Date: 2008-05-29 13:25:03 UTC
From: Tom NØJMY - AAR7FV
Topic: 4 Message: 32

Sorry if tis is a repost. I botched the address and subject on the first go-around.

Okay, I'll try to overcome my natural bashfullness. I'm Tom, N?JMY, and yes, I own a company known to the State of Iowa as "Hayseed Hamfest Co."

I'm about 50 and have no background in electronics, other than what I've read or observed. I have an education level roughly equivalent to that of Jethro Bodine. Thus, I spent my entire working life in the truck business, eventually owning a couple of Mack Trucks distributorships, which I sold when I was 41 and basically retired.

Oh, I forgot to mention that. The main reason I retired: I'm deaf. Started losing my hearing in my late 20's, now I'm the proverbial post. Fortunately, I eventually became a guinea-pig for the University of Iowa and they chopped my head open and stuck a cochlear implant inside. Glued me shut. Now, as long as my batteries are up and every thing is working, I can get by fairly well face-to-face and c.w. is no problem. Telephones and SSB can be a real challenge, though. And when something goes haywire...it's PSK31 time for me.

Been a ham since 13, first as novice WN?DVM. That was in Cedar Rapids in 1971. I now am an extra-cheese (13 w.p.m.) and I live in the small town of Fredericksburg, a suburb of Hayseed. It's a long story.

I have an HW-16/HG-10B combo, a DX-60B/HR-10B pair, a DX-40/VF-1 lash-up, Drake 2-C/2-NT/2-CQ with a Globe V-10 thrown in for good measure, and two sets of Conar Blue-Dust Twins. Oh...also a T-60 and R-55. Great rig that R-55. You can catch any sig on the band without moving the tuning dial.

And though they aren't hollow state, I've also got an HW-99, HW-8, Ten-Tec Power Mite, and four Century 21's - all of which I consider latter-day novice rigs. Got a lot of other rigs, though not of the novice genre.

My Mosley Classic 33 even dates back to the glowbug years...and if you want to see the way *real* men put up a tower, go here: www.hayseedhamfest.com/stikraz.jpg .

73 to all. I think this will be a great list.

Tom N?JMY

Front Panel Overlays for Ham Raio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
www.hayseedhamfest.com

33. NR5A Photos!

Yahoo group: heathkitnovicestations
Date: 2008-05-29 13:42:46 UTC
From: Bob Macklin
Topic: 33 Message: 33

I was just looking at N5Ra's photos. Makes me wish I had more space and MONEY!

When I find time to clean up MY PIG PEN I will take photos of mine.

It looks like the DX-60/HG-10/HR-10 is still a popular combo.

Bob Macklin
K5MYJ
Seattle, Wa.

34. Howdy from Texas

Yahoo group: heathkitnovicestations
Date: 2008-05-29 13:58:32 UTC
From: k5seejohn
Topic: 34 Message: 34

Thanks, Bob, for initiating this and for the info on HR-10 mods. I have two dx-60's with HG-10 VFO's and have been using an sb-301 with broken slide rule dial for 75 meter AM. Am acquiring an HR-10B. My vintage equipment is shown on qrz.com

I was first licensed as a tech WN5TWL in Kingsville,TX in 1966. Had a DX-40 and Gonset receiver, and used a rooftop (20 ft.)inverted vee tent dipole with 80 and 40 meter elements.

Later got an sb-101 and went to ssb for many years. Looking forward to getting to know the group better. I noticed W0VT is in Houston like me and will try to find him.

Have never been a Yahoo group member so be patient with me.

73 de John, K5SEE

35. Heath HG-10/HR-10 Rcvr - BFO Injection Mod

Yahoo group: heathkitnovicestations
Date: 2008-05-29 14:13:57 UTC
From: Howard Weinstein
Topic: 35 Message: 35

Bob,

Thanks for that info on the HR-10 - I was thinking
that I was going to have to go with an outboard RF
amp/preselector minimum.

Is the BFO injection mod available on the web or
documented somewhere? If so, where can I find it?

Tnx es 73 de Howard K3HW

--- Bob Macklin <macklinbob@...> wrote:

<snip> ...After the mod and retuning I did to my
HR-10 yesterday was pleased with it's performance on
40M last night... <snip>

36. Yahoo Membership?

Yahoo group: heathkitnovicestations
Date: 2008-05-29 14:24:08 UTC
From: Bob Macklin
Topic: 36 Message: 36

Yahoo membership is not required to be on the mail list but I don't know how non Yahoo members access the Photos and Files sections.

If you do want to yoin Yahoo use your callsign as your ID!

Bob Macklin
K5MYJ
SAM 8
Near Seattle, Wa.

"REAL RADIOS GLOW IN THE DARK"

37. Re: [heathkitnovicestations] Howdy from Texas

Yahoo group: heathkitnovicestations
Date: 2008-05-29 14:54:23 UTC
From: Dave And Merrijoy
Topic: 34 Message: 37

Hey John,
You forgot to introduce in the 2nd op in your picture.
Nice operating area!!
Dave w9ocm

----- Original Message -----
From: k5seejohn
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, May 29, 2008 9:58 AM
Subject: [heathkitnovicestations] Howdy from Texas

Thanks, Bob, for initiating this and for the info on HR-10 mods. I have two dx-60's with HG-10 VFO's and have been using an sb-301 with broken slide rule dial for 75 meter AM. Am acquiring an HR-10B. My vintage equipment is shown on qrz.com

I was first licensed as a tech WN5TWL in Kingsville,TX in 1966. Had a DX-40 and Gonset receiver, and used a rooftop (20 ft.)inverted vee tent dipole with 80 and 40 meter elements.

Later got an sb-101 and went to ssb for many years. Looking forward to getting to know the group better. I noticed W0VT is in Houston like me and will try to find him.

Have never been a Yahoo group member so be patient with me.

73 de John, K5SEE

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 269.24.3/1472 - Release Date: 5/29/2008 7:27 AM

38. Greetings from N2EY

Yahoo group: heathkitnovicestations
Date: 2008-05-29 15:17:09 UTC
From: N2EY@aol.com
Topic: 33 Message: 38

Don't know for sure if I'm and Old Timer or a Young Squirt.

Licensed as WN3IYC, October 1967, age 13. Learned the code by building a 2-tube regen rx from junk parts; it was replaced by an AR-2/QF-1 combo, which was only slightly better.

First rig was a 6V6GT 80 meter oscillator also made from junk parts. Replaced by a DX-20, which was a lot more power.

Upgraded to Advanced (WA3IYC) in 1968, added VF-1 VFO. Had a lot of classics but soon found I could build better rigs than I could afford to buy. Google my call and look at the HBR website for homebrew examples.

Upgraded to Extra in 1970, between 10th and 11th grades. Homebrewing and no money for a 'phone rig made it easy!

Got the 2-land call when I moved to New York State in 1977 and kept it when I moved back to EPA.

Short list, in no particular order:

Heath AR-2, QF-1, DX-20, VF-1, DX-100 (never got the DX-100 fully operational), HW-2036, HW-101
Johnson Viking 2, 122, Adventurer, Valiant
National NC-173 (the Kon-Tiki receiver), NC-300 (never got it fully operational either)
RME-45, 4350A
TenTec Argosy
Elecraft K2
Surplus BC-453+converter, BC-454, BC-457 converted to 80/40, BC-348R, BC-342N, BC-221, LM-20.

Only the K2, BC-342N, LM-20 and BC-453+converter remain today, plus a parts-unit HW-101.

73 de Jim, N2EY

39. Antennas?

Yahoo group: heathkitnovicestations
Date: 2008-05-29 16:26:13 UTC
From: Bob Macklin
Topic: 39 Message: 39

When I got my Novice ticket in 1957 I lived on Bergstrom AFB, Austin, Tx. There was a regulation that said we could not have outdoor antennas. Seems like I have come full circle!

The first Tx was the 6AG7/807 handbook rig. Link coupled. We lived in a long (Ranch Style) duplex. One of my Elmers suggested a 40M folded dipole. I made the 40M folded dipole from 300ohm twinlead and I was able to string it in the attic of the duplex. It ran N/S. But it did work.

The following year later I moved off base to a rental house. It had a large back yard. Usually full of TALL GRASS. It was a bitch to cut with a hand mower I had to borrow. I put up a wire strung from the rear of the house to a telehone pole at the back of the lot. At least once a month I would come home and find it on the ground. I would just put it back up. I used a neon bulb on this antenna to be sure I was getting it to load correctly. I had no RF power meter of any kind. In these day the common meter was a RF Ampmeter. They were hard to come by. When I would send CW the neon bulb would flash on and off. Some of the neighbors asked my wife about the blinking light!

When I bought my first house in Calif. in 1960 I put up a simialr antenna. And I had the same problem with the lineman. I used the same solution!

Now I am back in the original situation. No outdoor anteann but this time I don't have attic acces. But that won't stop me!

I did hear some 75M AM (3885) this morning at 6AM on my SB-301. They were pretty weak so I could not find them with my HR-10. Usually I can hear anything on my HR-10 that I can hear on the SB-301 as long as it is below 20M. I have not been able to do any comparative testing above 20M.

Bob Mackin
K5MYJ
Seattle, Wa.

40. MODS

Yahoo group: heathkitnovicestations
Date: 2008-05-29 17:28:17 UTC
From: Charles W5COV
Topic: 40 Message: 40

I apparently missed the BFO mod post and don't see it in the messages . I am not good on these groups so I am sure it is my error not finding it. Could someone post that mod or any others in the files section ?

Thanks ,

Charlie W5COV

41. New file uploaded to heathkitnovicestations

Yahoo group: heathkitnovicestations
Date: 2008-05-29 17:43:15 UTC
From: heathkitnovicestations@yahoogroups.com
Topic: 41 Message: 41

```
Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the heathkitnovicestations
group.

File : /January 2000 HR-10.pdf
Uploaded by : ki4iua <mdilli@...>
Description : Mods for HR-10 BFO injection and others

You can access this file at the URL:
http://groups.yahoo.com/group/heathkitnovicestations/files/January%202000%20HR-10.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

ki4iua <mdilli@...>
```

42. Re: [heathkitnovicestations] Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-29 18:55:25 UTC
From: k0ng@inebraska.com
Topic: 25 Message: 42

Hi Bob: Re the 6AG7/807 (dont that sound good??). Mine was also link coupled out but the link fed a built-on longwire antenna tuner. Both of my coils were wound by me on 4 pin coil forms using green bell wire. I can still smell that wire (in my head). I gave the transmitter to an older cousin when I joined
the Air Force and he became a silent key so I hope the Tx is still in operation somewhere.

73, Charlie, K0NG ..

43. Looking

Yahoo group: heathkitnovicestations
Date: 2008-05-29 20:21:28 UTC
From: Jerry Kidd
Topic: 43 Message: 43

I'm looking for a working DX-60/HG-10, man I hate to buy from e-play...
Anyone have one they would part with?

44. Re: MODS

Yahoo group: heathkitnovicestations
Date: 2008-05-29 20:26:05 UTC
From: Bob Macklin
Topic: 40 Message: 44

I just added the links I have for the HR-10 mods to the "LINKS" page:

http://groups.yahoo.com/group/heathkitnovicestations/links/

If anyone else has useful links please add them for the group to use!

Bob Macklin
K5MYJ
Seattle, Wa.

--- In heathkitnovicestations@yahoogroups.com, "Charles W5COV"
<cvest@...> wrote:
>
> I apparently missed the BFO mod post and don't see it in the
messages . I am not good on these groups so I am sure it is my error
not finding it. Could someone post that mod or any others in the
files section ?
>
> Thanks ,
>
> Charlie W5COV
>

45. Re: [heathkitnovicestations] Looking

Yahoo group: heathkitnovicestations
Date: 2008-05-29 20:33:49 UTC
From: Bob Macklin
Topic: 43 Message: 45

Sometimes eBay is the only short term solution. In the case of the DX-60 and HG-10 they are usually listed. Somehow they don't seem to end up on the other boards. Probably because most are from estates.

Bob Macklin
K5MYJ
Seattle, Wa.

Jerry Kidd <x2jdkidd@...> wrote:
I'm looking for a working DX-60/HG-10, man I hate to buy from e-play...
Anyone have one they would part with?

46. Re: [heathkitnovicestations] Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-29 20:42:04 UTC
From: Bob Macklin
Topic: 25 Message: 46

I have been thinking(don't we all?(about building another serious HB simple Tx.

I quess I need to start accumulating Millen coils and Hammerlund capacitors off eBay.

I use 110V/220 isolation transformers to build Heath style voltage doubler power supplies.

But Allied and Hammond have plate/filiment transformers available if you want (or are able) to pay the price.

My original Tx had either an 80 or 83 rectifer.

If I build anothe I will add a window so you can see the GLOW!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

k0ng@... wrote:

Hi Bob: Re the 6AG7/807 (dont that sound good??). Mine was also link coupled
out but the link fed a built-on longwire antenna tuner. Both of my coils
were wound by me on 4 pin coil forms using green bell wire. I can still smell
that wire (in my head). I gave the transmitter to an older cousin when
I joined
the Air Force and he became a silent key so I hope the Tx is still in
operation somewhere.

73, Charlie, K0NG ..

47. Re: [heathkitnovicestations] Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-29 21:13:26 UTC
From: Jon M. Schumacher
Topic: 25 Message: 47

That was the standard Bell System VOM. I am still using a Simpson 260 for my boat anchor work and other things. It's hard to watch the flashing numbers and bars.

Jon, K1NV

48. Re: [heathkitnovicestations] Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-29 22:38:54 UTC
From: Bob Macklin
Topic: 25 Message: 48

I don't like digital DVM. I prefer an analog VOM with a mirror scale!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

"Jon M. Schumacher" <jmsch@...> wrote:
That was the standard Bell System VOM. I am still using a Simpson 260 for my boat anchor work and other things. It's hard to watch the flashing numbers and bars.

Jon, K1NV

49. Re: [heathkitnovicestations] Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-29 23:20:57 UTC
From: N2EY@aol.com
Topic: 25 Message: 49

In a message dated 5/29/08 4:42:39 PM Eastern Daylight Time,
rottenrobbie0@... writes:

> I quess I need to start accumulating Millen coils and Hammerlund capacitors
> off eBay.
>

That's one source. But before you bid, send me a list of what you need, (off
the group!) I just may have it.

Someday I will have all my stuff inventoried and a serious "For Sale" website
or some such, but right now I'm just trying to get to the point where I can
see some of the shack floor.

What do you need?

73 de Jim, N2EY

****
Get trade secrets for amazing burgers. Watch
"Cooking with Tyler Florence" on AOL Food.

(http://food.aol.com/tyler-florence?video=4&?NCID=aolfod00030000000002)

50. Re: [heathkitnovicestations] Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-30 00:14:11 UTC
From: Bob Macklin
Topic: 25 Message: 50

That sounds like me!

Many years ago when I had to reloace I dumped a bunch of old ham stuff I thought was out of date. Nobody was interested in tube stuff.

Then in 95 when I moved from Silicon Valley to Sacramento I dumped my entire supply of Miller coils inculding SS IF strips and transformers. Now I wish I had them

But the 1968 RTL logic really was WORTHLESS!

I wonder how much eBay has contributed to renewed interest in old tube stuff. It must have. It is a source of some stuff that is otherwise unobtainable.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

N2EY@... wrote:
In a message dated 5/29/08 4:42:39 PM Eastern Daylight Time, rottenrobbie0@... writes:

I quess I need to start accumulating Millen coils and Hammerlund capacitors off eBay.

That's one source. But before you bid, send me a list of what you need, (off the group!) I just may have it.

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What do you need?

73 de Jim, N2EY

****
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(http://food.aol.com/tyler-florence?video=4&?NCID=aolfod00030000000002)

51. Re: [heathkitnovicestations] Who and What etc.

Yahoo group: heathkitnovicestations
Date: 2008-05-30 13:14:35 UTC
From: N2EY@aol.com
Topic: 25 Message: 51

-----Original Message-----
From: Bob Macklin <rottenrobbie0@...>

>That sounds like me!

>Many years ago when I had to reloace I dumped a bunch of old ham stuff
I thought was out of date. Nobody was >interested in tube stuff.

Back in the 80s and early 90s when folks were selling, I was buying.
Somehow I managed to keep the parts even though I sold off rigs.

At one point I had stuff in four different locations *and* my house.
Now I'm down to two external locations and the house.

N2EY wrote:

>> But before you bid, send me a list of what you need, (off the
group!) I just may have it.

What do you need?

73 de Jim, N2EY

52. 40M AM?

Yahoo group: heathkitnovicestations
Date: 2008-05-30 14:03:12 UTC
From: Bob Macklin
Topic: 52 Message: 52

Recently I have been cheching the 40M Phone segment for the SWBC stations. I have not heard any recently. But that may be because on my latitude.

Last night I fired uo my SX-110 and checked with it. Nothing in the 40M band but plenty between 6MHz and 7MHz.

This might mean it's time to try playing with 40M AM!

But it will probalby be a couple months before I will be able to transmit.

We might also define some places and times to operate rather than just turning the rig on and hoping we find something.

There is Heath AM net at 8AM ET on Sundays. But that's 5AM and I am not up at 5AM any day! I think that net is on 3880.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

53. HR-10B

Yahoo group: heathkitnovicestations
Date: 2008-05-30 14:50:52 UTC
From: jfelts13
Topic: 53 Message: 53

I have a HR-10B that is just dirty. It seems to work but the plan is to re-tube it, clean it, and replace so caps. This one even has the serial number 930-3089. Is there any way of tracking this unit? About when was it kitted??

Jerry - NR5A - South Dakota
www.freewebs.nr5a

54. Re: [heathkitnovicestations] HR-10B

Yahoo group: heathkitnovicestations
Date: 2008-05-30 15:28:00 UTC
From: Bob Macklin
Topic: 53 Message: 54

Your HR-10B was kitted between 1967 and 1975!

Be careful with the cleaning. I bought one that was advertized as VERY DIRTY! I paid $40 for it. It was as described. I was not unhappy.

It looked like it had been stored in a barn for 40 years. There actuall was MUD on ht etop of the chassis. And the usual evidence of creepy critters under the chassis.

I completely disassmeled it. When I was cleaning the chassis the lettering came off. I was 409. The plating on the chassis is so bad I want to get it repladed.

But later that year I bought a second one and it is the one I am currently using.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

--- On Fri, 5/30/08, jfelts13 <NR5AJerry@...> wrote:

From: jfelts13 <NR5AJerry@...>
Subject: [heathkitnovicestations] HR-10B
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 7:50 AM

I have a HR-10B that is just dirty. It seems to work but the plan is
to re-tube it, clean it, and replace so caps. This one even has the
serial number 930-3089. Is there any way of tracking this unit? About
when was it kitted??

Jerry - NR5A - South Dakota
www.freewebs. nr5a

55. WTB - Heath HR-10B Receiver to complete novice station

Yahoo group: heathkitnovicestations
Date: 2008-05-30 17:33:07 UTC
From: Howard Weinstein
Topic: 53 Message: 55

Bob et al,

I would like to purchase an HR-10, to complete my
DX-60B/HG-10B novice transmitter set-up.

I originally had an HQ-110A as my station receiver
(worked all summer to save up for one) - yes it had
the clock on the front panel, but I thought that this
would be more authentic, and, more challenging to say
the least...

I plan to set it up with an old Ameco preselector/RF
amp at the front end and do the BFO injection mod,
plus some other changes that were recently posted
here.

I am trying at all costs to avoid that watery auction
site.

Tnx es 73 de Howard K3HW

--- Bob Macklin <rottenrobbie0@...> wrote:

> Your HR-10B was kitted between 1967 and 1975!
>
> Be careful with the cleaning. I bought one that was
> advertized as VERY DIRTY! I paid $40 for it. It was
> as described. I was not unhappy.
>
> It looked like it had been stored in a barn for 40
> years. There actuall was MUD on ht etop of the
> chassis. And the usual evidence of creepy critters
> under the chassis.
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> I completely disassmeled it. When I was cleaning the
> chassis the lettering came off. I was 409. The
> plating on the chassis is so bad I want to get it
> repladed.
>
> But later that year I bought a second one and it is
> the one I am currently using.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow in the Dark!"
>

>
> --- On Fri, 5/30/08, jfelts13
> <NR5AJerry@...> wrote:
>
> From: jfelts13 <NR5AJerry@...>
> Subject: [heathkitnovicestations] HR-10B
> To: heathkitnovicestations@yahoogroups.com
> Date: Friday, May 30, 2008, 7:50 AM
>
>
>
>
>
>
> I have a HR-10B that is just dirty. It seems to work
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> to re-tube it, clean it, and replace so caps. This
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> serial number 930-3089. Is there any way of tracking
> this unit? About
> when was it kitted??
>
> Jerry - NR5A - South Dakota
> www.freewebs. nr5a
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56. Re: [heathkitnovicestations] WTB - Heath HR-10B Receiver to complete novice station

Yahoo group: heathkitnovicestations
Date: 2008-05-30 17:43:27 UTC
From: Bob Macklin
Topic: 53 Message: 56

Howard,

Would you like to build one from a "SEMI-KIT"?

I have one I disassembled for complete rebuilding. The chassis needs replating. The 6X4 is missing.

If you want it I will make a copy of my HR-10 manual to go with it.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

--- On Fri, 5/30/08, Howard Weinstein <k3hw@...> wrote:

From: Howard Weinstein <k3hw@...>
Subject: [heathkitnovicestations] WTB - Heath HR-10B Receiver to complete novice station
To: heathkitnovicestations@yahoogroups.com, rottenrobbie0@..., "glowbugs" <glowbugs@...>
Date: Friday, May 30, 2008, 10:33 AM

Bob et al,

I would like to purchase an HR-10, to complete my
DX-60B/HG-10B novice transmitter set-up.

I originally had an HQ-110A as my station receiver
(worked all summer to save up for one) - yes it had
the clock on the front panel, but I thought that this
would be more authentic, and, more challenging to say
the least...

I plan to set it up with an old Ameco preselector/ RF
amp at the front end and do the BFO injection mod,
plus some other changes that were recently posted
here.

I am trying at all costs to avoid that watery auction
site.

Tnx es 73 de Howard K3HW

--- Bob Macklin <rottenrobbie0@ yahoo.com> wrote:

> Your HR-10B was kitted between 1967 and 1975!
>
> Be careful with the cleaning. I bought one that was

> advertized as VERY DIRTY! I paid $40 for it. It was
> as described. I was not unhappy.
>
> It looked like it had been stored in a barn for 40
> years. There actuall was MUD on ht etop of the
> chassis. And the usual evidence of creepy critters
> under the chassis.
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> I completely disassmeled it. When I was cleaning the
> chassis the lettering came off. I was 409. The
> plating on the chassis is so bad I want to get it
> repladed.
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> But later that year I bought a second one and it is
> the one I am currently using.
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> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow in the Dark!"
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> --- On Fri, 5/30/08, jfelts13
> <NR5AJerry@gmail. com> wrote:
>
> From: jfelts13 <NR5AJerry@gmail. com>
> Subject: [heathkitnovicestat ions] HR-10B
> To: heathkitnovicestati ons@yahoogroups. com
> Date: Friday, May 30, 2008, 7:50 AM
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57. Re: [heathkitnovicestations] WTB - Heath HR-10B Receiver to complete novice station

Yahoo group: heathkitnovicestations
Date: 2008-05-30 17:48:10 UTC
From: Howard Weinstein
Topic: 53 Message: 57

Hi Bob,
Sounds VERY interesting - I'd love to do that - I can
find a 6X4 somewhere - Just one question - can you
recommend a source for chassis replating and is it
REALLY expensive?
de Howard K3HW

--- Bob Macklin <rottenrobbie0@...> wrote:

> Howard,
>
> Would you like to build one from a "SEMI-KIT"?
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> I have one I disassembled for complete rebuilding.
> The chassis needs replating. The 6X4 is missing.
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> If you want it I will make a copy of my HR-10 manual
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> Bob Macklin
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>
> --- On Fri, 5/30/08, Howard Weinstein
> <k3hw@...> wrote:
>
> From: Howard Weinstein <k3hw@...>
> Subject: [heathkitnovicestations] WTB - Heath HR-10B
> Receiver to complete novice station
> To: heathkitnovicestations@yahoogroups.com,
> rottenrobbie0@..., "glowbugs"
> <glowbugs@...>
> Date: Friday, May 30, 2008, 10:33 AM
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> > <NR5AJerry@gmail. com> wrote:
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> > From: jfelts13 <NR5AJerry@gmail.
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> > Subject: [heathkitnovicestat ions] HR-10B
> > To: heathkitnovicestati ons@yahoogroups. com
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58. LOOKING FOR HEATHKIT HR-10B IF TRANSFORMER

Yahoo group: heathkitnovicestations
Date: 2008-05-30 17:54:46 UTC
From: k8zjc
Topic: 58 Message: 58

I am looking for a Input IF transformer Part# 52-50 (488332)to complete
my Hr-10B rebuild. Any around?
Regards, Norm

59. Re: [heathkitnovicestations] WTB - Heath HR-10B Receiver to complete novice station

Yahoo group: heathkitnovicestations
Date: 2008-05-30 18:09:19 UTC
From: Bob Macklin
Topic: 53 Message: 59

Howard,

Check your phone book for Electroplating. Any place that does chrome plating can do copper plating. They have to do copper before they can put the chrome one.

Cad plating is another problem. Because it is so toxic. Zinc plating should be OK.

There are 3 that i know of here in the Seattle area. But I have not checked them out since I do have a working HR-10.

There are plenty of sources for tube. I might even be able to get a 6X4 locally. I need to gat another spare for myself. The 6X4 out of the RE-KITTED unit is in my current HR-10.

The sockets were removed with all the parts intact. But you might want or need to replace some of the components.

This would not be like assembling a NEW Heathkit. There would be more preperation work. Try and find a working unit first. If you can't this one is available.
Bob Macklin
K5MYJ
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"Real Radios Glow in the Dark!"

--- On Fri, 5/30/08, Howard Weinstein <k3hw@...> wrote:

From: Howard Weinstein <k3hw@...>
Subject: Re: [heathkitnovicestations] WTB - Heath HR-10B Receiver to complete novice station
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 10:48 AM

Hi Bob,
Sounds VERY interesting - I'd love to do that - I can
find a 6X4 somewhere - Just one question - can you
recommend a source for chassis replating and is it
REALLY expensive?
de Howard K3HW

--- Bob Macklin <rottenrobbie0@ yahoo.com> wrote:

> Howard,
>
> Would you like to build one from a "SEMI-KIT"?
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> I have one I disassembled for complete rebuilding.
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> --- On Fri, 5/30/08, Howard Weinstein
> <k3hw@...> wrote:
>
> From: Howard Weinstein <k3hw@...>
> Subject: [heathkitnovicestat ions] WTB - Heath HR-10B
> Receiver to complete novice station
> To: heathkitnovicestati ons@yahoogroups. com,
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> Tnx es 73 de Howard K3HW
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> --- Bob Macklin <rottenrobbie0@ yahoo.com>
> wrote:
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> > --- On Fri, 5/30/08, jfelts13
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> > From: jfelts13 <NR5AJerry@ gmail.
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> > Subject: [heathkitnovicestat ions] HR-10B
> > To: heathkitnovicestati ons@yahoogroups. com
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60. Re: [heathkitnovicestations] LOOKING FOR HEATHKIT HR-10B IF TRANSFORMER

Yahoo group: heathkitnovicestations
Date: 2008-05-30 18:12:18 UTC
From: Bob Macklin
Topic: 58 Message: 60

I'm not ready to part out my RE-KITTED HR-10 yet!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

--- On Fri, 5/30/08, k8zjc <k8zjc@...> wrote:

From: k8zjc <k8zjc@...>
Subject: [heathkitnovicestations] LOOKING FOR HEATHKIT HR-10B IF TRANSFORMER
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 10:54 AM

I am looking for a Input IF transformer Part# 52-50 (488332)to complete
my Hr-10B rebuild. Any around?
Regards, Norm

61. Re: [heathkitnovicestations] WTB - Heath HR-10B Receiver to complete novice station

Yahoo group: heathkitnovicestations
Date: 2008-05-30 18:14:25 UTC
From: Howard Weinstein
Topic: 53 Message: 61

QSL de Howard K3HW

--- Bob Macklin <rottenrobbie0@...> wrote:

> Howard,
>
> Check your phone book for Electroplating. Any place
> that does chrome plating can do copper plating. They
> have to do copper before they can put the chrome
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> --- On Fri, 5/30/08, Howard Weinstein
> <k3hw@...> wrote:
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> From: Howard Weinstein <k3hw@...>
> Subject: Re: [heathkitnovicestations] WTB - Heath
> HR-10B Receiver to complete novice station
> To: heathkitnovicestations@yahoogroups.com

> Date: Friday, May 30, 2008, 10:48 AM
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> > From: Howard Weinstein
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> > To: heathkitnovicestati ons@yahoogroups. com,
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> > Tnx es 73 de Howard K3HW
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62. Re: [heathkitnovicestations] 40M AM?

Yahoo group: heathkitnovicestations
Date: 2008-05-30 18:14:50 UTC
From: Glen Zook
Topic: 52 Message: 62

The AM frequency on 40 meters is 7290 kHz. However, the ARRL insists on using that frequency for SSB bulletins even though they do list the frequency as the "AM calling frequency".

Glen, K9STH

--- On Fri, 5/30/08, Bob Macklin <rottenrobbie0@...> wrote:
From: Bob Macklin <rottenrobbie0@...>
Subject: [heathkitnovicestations] 40M AM?
To: "Heath Novice Stations" <heathkitnovicestations@yahoogroups.com>
Date: Friday, May 30, 2008, 9:03 AM

Recently I have been cheching the 40M Phone segment for the SWBC stations. I have not heard any recently. But that may be because on my latitude.

Last night I fired uo my SX-110 and checked with it. Nothing in the 40M band but plenty between 6MHz and 7MHz.

This might mean it's time to try playing with 40M AM!

But it will probalby be a couple months before I will be able to transmit.

We might also define some places and times to operate rather than just turning the rig on and hoping we find something.

There is Heath AM net at 8AM ET on Sundays. But that's 5AM and I am not up at 5AM any day! I think that net is on 3880.

63. Re: [heathkitnovicestations] 40M AM?

Yahoo group: heathkitnovicestations
Date: 2008-05-30 18:54:29 UTC
From: Bob Macklin
Topic: 52 Message: 63

And I do have a 7290 crystal in my DX-60. I just never hear anything on that frequency. I have heard it used for SSB in contests in better times.

But to me the entire 40M phone segment seems to be opent to anyone that wants to use it.

The only 40M phone I have heard in the past 5 years has been W6 land stations. That's 800 to 1200 miles South of me.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

--- On Fri, 5/30/08, Glen Zook <gzook@...> wrote:

From: Glen Zook <gzook@...>
Subject: Re: [heathkitnovicestations] 40M AM?
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 11:14 AM

The AM frequency on 40 meters is 7290 kHz. However, the ARRL insists on using that frequency for SSB bulletins even though they do list the frequency as the "AM calling frequency".

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--- On Fri, 5/30/08, Bob Macklin <rottenrobbie0@ yahoo.com> wrote:

From: Bob Macklin <rottenrobbie0@ yahoo.com>
Subject: [heathkitnovicestat ions] 40M AM?
To: "Heath Novice Stations" <heathkitnovicestati ons@yahoogroups. com>
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64. Re: [heathkitnovicestations] 40M AM?

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:05:43 UTC
From: john@k5see.com
Topic: 52 Message: 64

In the 5 call area we use 7.160, especially day time on weekends.

-----Original Message-----
From: Bob Macklin <rottenrobbie0@...>
To: heathkitnovicestations@yahoogroups.com
Sent: Fri, 30 May 2008 1:54 pm
Subject: Re: [heathkitnovicestations] 40M AM?

And I do have a 7290 crystal in my DX-60. I just never hear anything on that frequency. I have heard it used for SSB in contests in better times.

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"Real Radios Glow in the Dark!"

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--- On Fri, 5/30/08, Glen Zook <gzook@...> wrote:

From: Glen Zook <gzook@...>
Subject: Re: [heathkitnovicestations] 40M AM?
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 11:14 AM

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--- On Fri, 5/30/08, Bob Macklin <rottenrobbie0@ yahoo.com> wrote:

From: Bob Macklin <rottenrobbie0@ yahoo.com>
Subject: [heathkitnovicestat ions] 40M AM?
To: "Heath Novice Stations" <heathkitnovicestati ons@yahoogroups. com>
Date: Friday, May 30, 2008, 9:03 AM

Recently I have been cheching the 40M Phone segment for the SWBC stations. I have not heard any recently. But that may be because on my latitude.

?

Last night I fired uo my SX-110 and checked with it. Nothing in the 40M band but plenty between 6MHz and 7MHz.

?

This might mean it's time to try playing with 40M AM!

?

But it will probalby be a couple months before I will be able to transmit.

?

We might also define some places and times to operate rather than just turning the rig on and hoping we find something.

?

There is Heath AM net at 8AM ET on Sundays. But that's 5AM and I am not up at 5AM any day! I think that net is on 3880.

_____
Sent from a personalized AOL(R) My eAddress. Create your own FREE email address from scratch (go to http://domains.aol.com), not just the part before the @.

65. Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:08:46 UTC
From: Bob Macklin
Topic: 65 Message: 65

Last year I finish an electronic T/R switch for my DX-60/HR-10 pair. It was from the 62 Handbook.

Both Glen and Jim have warned me about the harmonic problem created by these units. It is even mentioned in the article in the handbook.

The parts for the new antenna installation in my RETIREMENT CLOSET will be ready to install next weekend. At that time I should be ready to try the DX-60. I don't have a tuner yet. That is scheduled to be next month's project.

I live in a area that is primarily retiement apartmets. These units are all on cable. We are almost a 1/2 mile from the nearest normal residential areas. But these are very old homes and may still be using outdoor antennas. I need to take a drive and check them out. I may do that this weekend.

How much trouble should I expect by trying the DX-60 without a LP filter in the line?

I am still planing on modifying my DX-60 for a common T/R relay but that won't happen until maybe late July or sometime in August.

When you are retired you end up with problems scheduling how you use you expendable money.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

66. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:19:32 UTC
From: Dave And Merrijoy
Topic: 65 Message: 66

Hi Bob,
With digital TV becoming a forced reality in Feb 2009, it's doubtful you'll find any TV antennas out and around. Then again...
From my experience with the older sets, TVI could very well be another reality.
Good luck.
Dave w9ocm
----- Original Message -----
From: Bob Macklin
To: Heath Novice Stations
Sent: Friday, May 30, 2008 3:08 PM
Subject: [heathkitnovicestations] Potential TVI Problem!

Last year I finish an electronic T/R switch for my DX-60/HR-10 pair. It was from the 62 Handbook.

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The parts for the new antenna installation in my RETIREMENT CLOSET will be ready to install next weekend. At that time I should be ready to try the DX-60. I don't have a tuner yet. That is scheduled to be next month's project.

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I am still planing on modifying my DX-60 for a common T/R relay but that won't happen until maybe late July or sometime in August.

When you are retired you end up with problems scheduling how you use you expendable money.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008 7:44 AM

67. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:29:41 UTC
From: john@k5see.com
Topic: 65 Message: 67

The DX-60 incorporates a low pass filter.? I operate?my DX-60 on AM phone?with an amplifier and run 450 watts peak output.? The amp is about 18 inches from the TV and no problems.? Hopefully, you will have similar results.

-----Original Message-----
From: Dave And Merrijoy <merrijoy@...>
To: heathkitnovicestations@yahoogroups.com
Sent: Fri, 30 May 2008 2:19 pm
Subject: Re: [heathkitnovicestations] Potential TVI Problem!

Hi Bob,

With digital TV becoming a forced reality in Feb 2009, it's doubtful you'll find any TV antennas out and around.? Then again...

From my experience with the older sets, TVI could very well be another reality.

Good luck.

Dave w9ocm

----- Original Message -----

From: Bob Macklin

To: Heath Novice Stations

Sent: Friday, May 30, 2008 3:08 PM

Subject: [heathkitnovicestations] Potential TVI Problem!

Last year I finish an electronic T/R switch for my DX-60/HR-10 pair. It was from the 62 Handbook.

?

Both Glen and Jim have warned me about the harmonic problem created by these units. It is even mentioned in the article in the handbook.

?

The parts for the new antenna installation in my RETIREMENT CLOSET will be ready to install next weekend. At that time I should be ready to try the DX-60. I don't have a tuner yet. That is scheduled to be next month's project.

?

I live in a area that is primarily retiement apartmets. These units are all on cable. We are almost a 1/2 mile from the nearest normal residential areas. But these are very old

homes and may still be using outdoor antennas. I need to take a drive and check them out. I may do that this weekend.

?

How much trouble should I expect by trying the DX-60 without a LP filter in the line?

?

I am still planing on modifying my DX-60 for a common T/R relay but that won't happen until maybe late July or sometime in August.

?

When you are retired you end up with problems scheduling how you use you expendable money.

?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

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Sent from a personalized AOL(R) My eAddress. Create your own FREE email address from scratch (go to http://domains.aol.com), not just the part before the @.

68. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:32:51 UTC
From: N2EY@aol.com
Topic: 65 Message: 68

-----Original Message-----
From: Bob Macklin <rottenrobbie0@...>

>Last year I finish an electronic T/R switch for my DX-60/HR-10 pair.
It was from the 62 Handbook.

>How much trouble should I expect by trying the DX-60 without a LP
filter in the line?

Can't be sure without trying it. The tuner may be a big help.

>I am still planing on modifying my DX-60 for a common T/R relay but
that won't happen until maybe late July or sometime in >August.

What mod is necessary? Seems to me the relay would be the easy way.

>When you are retired you end up with problems scheduling how you use
you expendable money.

I'm not retired. Scheduling is always a problem!

What's "expendable money"?

73 de Jim, N2EY

69. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:33:51 UTC
From: Glen Zook
Topic: 65 Message: 69

The problem is not going to be so much with TVI but with putting out harmonics that are out of the amateur radio bands within the HF spectrum. Back in the 1960s there was an article in QST in the "Beginner & Novice" column which had bandpass filters for use with the Novice Class equipment. Those basically were for individual bands and the purpose was to attenuate harmonics generated by the transmitting equipment.

I would put such a bandpass filter between the TR switch and the antenna to keep the harmonics that will almost certainly be generated to a minimum. Remember that just a listtle bit of power can go a long ways especially on the higher frequencies.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 5/30/08, Dave And Merrijoy <merrijoy@...> wrote:
From: Dave And Merrijoy <merrijoy@...>
Subject: Re: [heathkitnovicestations] Potential TVI Problem!
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 2:19 PM

Hi Bob,
With digital TV becoming a forced reality in Feb 2009, it's
doubtful you'll find any TV antennas out and around. Then
again...
From my experience with the older sets, TVI could very well be
another reality.
Good luck.
Dave w9ocm

----- Original Message -----
From:
Bob
Macklin
To: Heath Novice Stations

Sent: Friday, May 30, 2008 3:08 PM
Subject: [heathkitnovicestat ions]
Potential TVI Problem!

Last year I finish an electronic T/R switch for my DX-60/HR-10 pair.
It was from the 62 Handbook.

Both Glen and Jim have warned me about the harmonic problem created
by these units. It is even mentioned in the article in the handbook.

The parts for the new antenna installation in my RETIREMENT CLOSET
will be ready to install next weekend. At that time I should be ready to

try the DX-60. I don't have a tuner yet. That is scheduled to be next month's project.

I live in a area that is primarily retiement apartmets. These units are all on cable. We are almost a 1/2 mile from the nearest normal residential areas. But these are very old homes and may still be using outdoor antennas. I need to take a drive and check them out. I may do that this weekend.

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I am still planing on modifying my DX-60 for a common T/R relay but that won't happen until maybe late July or sometime in August.

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Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the
Dark!"

No virus found in this incoming message.
Checked by AVG.

Version: 7.5.524 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008
7:44 AM

70. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:34:55 UTC
From: N2EY@aol.com
Topic: 65 Message: 70

```
-----Original Message-----
From: john@...

>The DX-60 incorporates a low pass filter.

That's true, but the way he intends to use the TR switch, it will be on
the antenna side of the LP filter. The LP filter will not stop any
harmonics generated by the TR switch.

73 de Jim, N2EYl
```

71. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:37:21 UTC
From: Bob Macklin
Topic: 65 Message: 71

Dave,

The homes in this area were probably built before 1950. These are low income people. Most will probably use the converter boxes if they are still on antennas. I usndestand that maybe 25% of Seattle is still on antennas. But that's about 25 miles from me. All the places built within probably the past 15 or 20 years were built with cable.

Worst case is if someones says I am causing a problem I will quit until i can get it fixed.

When I get the new antenna up I will get up about 2AM and key the DX-60 on 40M and run through all the cable channels and see if I am causing any local problems.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

--- On Fri, 5/30/08, Dave And Merrijoy <merrijoy@...> wrote:

From: Dave And Merrijoy <merrijoy@...>
Subject: Re: [heathkitnovicestations] Potential TVI Problem!
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 12:19 PM

Hi Bob,
With digital TV becoming a forced reality in Feb 2009, it's doubtful you'll find any TV antennas out and around. Then again...
From my experience with the older sets, TVI could very well be another reality.
Good luck.
Dave w9ocm

----- Original Message -----
From: Bob Macklin
To: Heath Novice Stations
Sent: Friday, May 30, 2008 3:08 PM
Subject: [heathkitnovicestat ions] Potential TVI Problem!

Last year I finish an electronic T/R switch for my DX-60/HR-10 pair. It was from the 62 Handbook.

Both Glen and Jim have warned me about the harmonic problem created by these units. It is even mentioned in the article in the handbook.

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I live in a area that is primarily retiement apartmets. These units are all on cable. We are almost a 1/2 mile from the nearest normal residential areas. But these are very old homes and may still be using outdoor antennas. I need to take a drive and check them out. I may do that this weekend.

How much trouble should I expect by trying the DX-60 without a LP filter in the line?

I am still planing on modifying my DX-60 for a common T/R relay but that won't happen until maybe late July or sometime in August.

When you are retired you end up with problems scheduling how you use you expendable money.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008 7:44 AM

72. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 19:48:55 UTC
From: Bob Macklin
Topic: 65 Message: 72

The problem is that a "T" tuner is a HIGH PASS network!

And Pi tuners require very large capacitors.

I have all the major parts to build a 300W T network tuner.

Like you I am a builder. That's how this hobby started and i just have not interest in buying a RICEBOX and operating an APPLIANCE.

Expenable moey to me is what I have leftover after paying all may bill on the first of the month. Right now that is between $50 and $100 per month. Except I just got a $40 rent increase!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

--- On Fri, 5/30/08, N2EY@... <N2EY@...> wrote:

From: N2EY@... <N2EY@...>
Subject: Re: [heathkitnovicestations] Potential TVI Problem!
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 12:32 PM

-----Original Message-----
From: Bob Macklin <rottenrobbie0@ yahoo.com>

>Last year I finish an electronic T/R switch for my DX-60/HR-10 pair.
It was from the 62 Handbook.

>How much trouble should I expect by trying the DX-60 without a LP
filter in the line?

Can't be sure without trying it. The tuner may be a big help.

>I am still planing on modifying my DX-60 for a common T/R relay but
that won't happen until maybe late July or sometime in >August.

What mod is necessary? Seems to me the relay would be the easy way.

>When you are retired you end up with problems scheduling how you use
you expendable money.

I'm not retired. Scheduling is always a problem!

What's "expendable money"?

73 de Jim, N2EY

73. Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:14:34 UTC
From: JAMES HANLON
Topic: 73 Message: 73

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electronicsurplus.com/dictionary/cat2074.htm<http://www.electronicsurplus.com/dictionary/cat2074.htm> . I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T)1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

I used to work for Bell Labs and I "inherited" quite a few mercury wetted SPDT relays. I use one to switch my antenna between transmitter and receiver, a second to key my transmitter, and a third to cut my receiver back for QSK. The swinger on the receiver relay is attached to ground. When the relay is not activated, the swinger shorts across a "monitor volume" pot that I put in series with my RF gain control to ground. When the relay is activated, that contact opens and the added pot allows me to set the RF gain of the receiver lower for convenient monitoring of my signal. I connect the "normally open" contact of that same relay to the antenna terminal of my receiver so that the swinger shorts the antenna to ground when the relay is activated which also helps to cut the received signal back.

I have a time delay circuit built out of a few radio shack transistors and some R's and C's. When I hit my key the antenna relay and the receiver relay activate first and then the keying relay closes. When I release my key the keying relay opens first and later the antenna and receiver relays release. It gives me perfect QSK at speeds a lot faster than the 30 wpm I usually top out at.

I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

74. Test!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:17:46 UTC
From: Bob Macklin
Topic: 74 Message: 74

I am trying to switch this list (for me) to my MSN email address.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

75. Re: [heathkitnovicestations] Test!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:20:25 UTC
From: Bob Macklin
Topic: 74 Message: 75

This seemed to work. This is better as I can post to the other lists when necessary.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 1:17 PM
Subject: [heathkitnovicestations] Test!

I am trying to switch this list (for me) to my MSN email address.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow in the Dark!"

76. Calling CQ on 7.290

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:24:15 UTC
From: N8IE
Topic: 52 Message: 76

Calling CQ now on 7.190.

Kettering, Oh

73, Dan

77. RE: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:24:36 UTC
From: Doug Forbes
Topic: 73 Message: 77

I am interested in a copy of the article you mention.
Thanks,
Doug
WA6VYN

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electronicsurplus.com/dictionary/cat2074.htm I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T)1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

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I have a time delay circuit built out of a few radio shack transistors and some R's and C's. When I hit my key the antenna relay and the receiver relay activate first and then the keying relay closes. When I release my key the keying relay opens first and later the antenna and receiver relays release. It gives me perfect QSK at speeds a lot faster than the 30 wpm I usually top out at.

I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

78. RE: [heathkitnovicestations] Calling CQ on 7.290

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:36:05 UTC
From: N8IE
Topic: 52 Message: 78

D'ohhhhh
CQ on 7.290

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of N8IE
Sent: Friday, May 30, 2008 4:24 PM
To: heathkitnovicestations@yahoogroups.com
Subject: [heathkitnovicestations] Calling CQ on 7.290

Calling CQ now on 7.190.

Kettering, Oh

73, Dan

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008
7:44 AM

79. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:36:06 UTC
From: Bob Macklin
Topic: 73 Message: 79

Jim,

I have been collecting the parts to build a POOR MANS DowKey antenna relay. But do to recent thinking I need to get a different relay.

I am installing a 110VAC relay in my DX-60 to bring out some switched ground closures. I will do it using 2 Heath/Collins style RCA jacks on the back. One will be to activate the external relay and the other will mute the HR-10.

But his won't be done unit later this summer. The electronic T/R switch is ready to use now. And the new antenna goes up next weekend.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Bob Macklin
To: Bob Macklin
Sent: Friday, May 30, 2008 1:22 PM
Subject: Fw: [heathkitnovicestations] Better TR Switch

--- On Fri, 5/30/08, JAMES HANLON <knjhanlon@...> wrote:

From: JAMES HANLON <knjhanlon@...>
Subject: [heathkitnovicestations] Better TR Switch
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 1:14 PM

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electron icsurplus. com/dictionary/ cat2074.htm I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T) 1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

I used to work for Bell Labs and I "inherited" quite a few mercury wetted SPDT relays. I use one to switch my antenna between transmitter and receiver, a second to key my transmitter, and a third to cut my receiver back for QSK. The swinger on the receiver relay

is attached to ground. When the relay is not activated, the swinger shorts across a "monitor volume" pot that I put in series with my RF gain control to ground. When the relay is activated, that contact opens and the added pot allows me to set the RF gain of the receiver lower for convenient monitoring of my signal. I connect the "normally open" contact of that same relay to the antenna terminal of my receiver so that the swinger shorts the antenna to ground when the relay is activated which also helps to cut the received signal back.

I have a time delay circuit built out of a few radio shack transistors and some R's and C's. When I hit my key the antenna relay and the receiver relay activate first and then the keying relay closes. When I release my key the keying relay opens first and later the antenna and receiver relays release. It gives me perfect QSK at speeds a lot faster than the 30 wpm I usually top out at.

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One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

80. Re: [heathkitnovicestations] Calling CQ on 7.290

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:44:26 UTC
From: Bob Macklin
Topic: 52 Message: 80

I'm listening in Seattle. I put the SB-301 on with it in USB mode so I can hear the carrier if you get here!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: N8IE
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 1:36 PM
Subject: RE: [heathkitnovicestations] Calling CQ on 7.290

D'ohhhhh
CQ on 7.290

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of N8IE
Sent: Friday, May 30, 2008 4:24 PM
To: heathkitnovicestations@yahoogroups.com
Subject: [heathkitnovicestations] Calling CQ on 7.290

Calling CQ now on 7.190.

Kettering, Oh

73, Dan

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008 7:44 AM

81. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 20:54:05 UTC
From: Charles W5COV
Topic: 73 Message: 81

I put the DX60B on the bench last night and all looks good. I will be adding PTT to it this weekend and also changing the HV from the wafer on the function switch .
I am following the antenna switching so I can figure out the best way to switch it and mute the receiver.
Budget here is about like most on here , much like it was in my Novice days.
GREAT GROUP !! Thanks Bob !!

Charlie W5COV

82. RE: [heathkitnovicestations] Calling CQ on 7.290

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:03:59 UTC
From: N8IE
Topic: 52 Message: 82

Thanks for trying Bob.
Not 10 minutes after I posted a BC station came on. Rats!

I'm listening now on 3.880. Tonight is going to be rough going on AM. We are expecting bad storms tonight, if we survive I'll listen around in the morning.

73
Dan, N8IE

From: heathkitnovicestations@yahoogroups.com [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bob Macklin
Sent: Friday, May 30, 2008 4:44 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Calling CQ on 7.290

I'm listening in Seattle. I put the SB-301 on with it in USB mode so I can hear the carrier if you get here!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: N8IE <mailto:n8ie@...>
To: heathkitnovicestati <mailto:heathkitnovicestations@yahoogroups.com>
ons@yahoogroups.com
Sent: Friday, May 30, 2008 1:36 PM
Subject: RE: [heathkitnovicestations] Calling CQ on 7.290

D'ohhhhh
CQ on 7.290

From: heathkitnovicestati <mailto:heathkitnovicestations@yahoogroups.com>
ons@yahoogroups.com [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of N8IE
Sent: Friday, May 30, 2008 4:24 PM
To: heathkitnovicestati <mailto:heathkitnovicestations@yahoogroups.com>
ons@yahoogroups.com
Subject: [heathkitnovicestations] Calling CQ on 7.290

Calling CQ now on 7.190.

Kettering, Oh

73, Dan

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008
7:44 AM

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008
7:44 AM

83. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:06:03 UTC
From: k0ng@inebraska.com
Topic: 65 Message: 83

Dave(et al): I expect there will be thousands of people still using outdoor antennas (or worse, rabbit ears). Especially those who are on fixed income and cannot afford a new HDTV set. Also, not all areas have cable. The new DTV to Analog converter boxes will still make old off air TV sets useful for years to come.

We do not have much experience with amateur signals creating TVI to digital signals but rest assured, DTV uses the same RF channels that analog did and some form of TVI is assured.

Not trying to scare anyone but I think Low Pass Filters are essential if nothing else for a peace of mind especially if active (tube) TR Switch's are used. I use a Johnson TR switch.

73, Charlie, K0NG .

84. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:05:14 UTC
From: Bob Macklin
Topic: 73 Message: 84

The HV switching on the function switches 6146 screen grid source to either the power supply or the modulator. It does not switch the 6164 HV.

BTW:
If the function switch get damaged it can be replaced with ElectroSwitch (CentraLab) dual 5 position wafers. It takes some work to make this change but that is better than trashing a unit that is repairable.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Charles W5COV
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 1:54 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

I put the DX60B on the bench last night and all looks good. I will be adding PTT to it this weekend and also changing the HV from the wafer on the function switch .
I am following the antenna switching so I can figure out the best way to switch it and mute the receiver.
Budget here is about like most on here , much like it was in my Novice days.
GREAT GROUP !! Thanks Bob !!

Charlie W5COV

85. Re: [heathkitnovicestations] Calling CQ on 7.290

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:14:30 UTC
From: Bob Macklin
Topic: 52 Message: 85

Just because 7290 is the listed 40M AM calling frequency we should not limit ourselves to it. We should find a pace the SWBC stations aren't. Next year we could try moving down to just below 7200.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: N8IE
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 2:03 PM
Subject: RE: [heathkitnovicestations] Calling CQ on 7.290

Thanks for trying Bob.
Not 10 minutes after I posted a BC station came on. Rats!

I'm listening now on 3.880. Tonight is going to be rough going on AM. We are expecting bad storms tonight, if we survive I'll listen around in the morning.

73
Dan, N8IE

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bob Macklin
Sent: Friday, May 30, 2008 4:44 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Calling CQ on 7.290

I'm listening in Seattle. I put the SB-301 on with it in USB mode so I can hear the carrier if you get here!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: N8IE
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 1:36 PM
Subject: RE: [heathkitnovicestations] Calling CQ on 7.290

D'ohhhhh
CQ on 7.290

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of N8IE
Sent: Friday, May 30, 2008 4:24 PM
To: heathkitnovicestations@yahoogroups.com
Subject: [heathkitnovicestations] Calling CQ on 7.290

Calling CQ now on 7.190.

Kettering, Oh

73, Dan

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008 7:44 AM

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008 7:44 AM

86. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:14:50 UTC
From: jeremy-ca
Topic: 73 Message: 86

A simple open frame relay is more than sufficient for T/R switching as long as youre not running digital modes or QSK. Heath and just about every other amp company used them with no problems.

There will be a slight bit of XL on 10M but it wont affect any real radio. A perfectionist can use a low value cap to tune it out, typically 30-33 pf.

Carl
KM1H

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 4:36 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

Jim,

I have been collecting the parts to build a POOR MANS DowKey antenna relay. But do to recent thinking I need to get a different relay.

I am installing a 110VAC relay in my DX-60 to bring out some switched ground closures. I will do it using 2 Heath/Collins style RCA jacks on the back. One will be to activate the external relay and the other will mute the HR-10.

But his won't be done unit later this summer. The electronic T/R switch is ready to use now. And the new antenna goes up next weekend.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Bob Macklin
To: Bob Macklin
Sent: Friday, May 30, 2008 1:22 PM
Subject: Fw: [heathkitnovicestations] Better TR Switch

--- On Fri, 5/30/08, JAMES HANLON <knjhanlon@...> wrote:

From: JAMES HANLON <knjhanlon@...>
Subject: [heathkitnovicestations] Better TR Switch
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 1:14 PM

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electron icsurplus. com/dictionary/ cat2074.htm I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T) 1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

I used to work for Bell Labs and I "inherited" quite a few mercury wetted SPDT relays. I use one to switch my antenna between transmitter and receiver, a second to key my transmitter, and a third to cut my receiver back for QSK. The swinger on the receiver relay is attached to ground. When the relay is not activated, the swinger shorts across a "monitor volume" pot that I put in series with my RF gain control to ground. When the relay is activated, that contact opens and the added pot allows me to set the RF gain of the receiver lower for convenient monitoring of my signal. I connect the "normally open" contact of that same relay to the antenna terminal of my receiver so that the swinger shorts the antenna to ground when the relay is activated which also helps to cut the received signal back.

I have a time delay circuit built out of a few radio shack transistors and some R's and C's. When I hit my key the antenna relay and the receiver relay activate first and then the keying relay closes. When I release my key the keying relay opens first and later the antenna and receiver relays release. It gives me perfect QSK at speeds a lot faster than the 30 wpm I usually top out at.

I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

87. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:20:13 UTC
From: jeremy-ca
Topic: 65 Message: 87

I never had TVI from 80/40M operation with Class C rigs in the 50's. These days I run up to a KW on CW/AM and use a Johnson or B&W KW LPF at the output of the exciters and amps. No problem even on 10M.

YMMV especially if using open wire feeders.

Carl
KM1H

----- Original Message -----
From: k0ng@...
To: heathkitnovicestations@yahoogroups.com ; Dave And Merrijoy
Sent: Friday, May 30, 2008 5:06 PM
Subject: Re: [heathkitnovicestations] Potential TVI Problem!

Dave(et al): I expect there will be thousands of people still using outdoor antennas (or worse, rabbit ears). Especially those who are on fixed income and cannot afford a new HDTV set. Also, not all areas have cable. The new DTV to Analog converter boxes will still make old off air TV sets useful for years to come.

We do not have much experience with amateur signals creating TVI to digital signals but rest assured, DTV uses the same RF channels that analog did and some form of TVI is assured.

Not trying to scare anyone but I think Low Pass Filters are essential if nothing else for a peace of mind especially if active (tube) TR Switch's are used. I use a Johnson TR switch.

73, Charlie, K0NG .

88. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:28:17 UTC
From: Bob Macklin
Topic: 73 Message: 88

Carl,

My POOR MANS T/R relay will be using a small open frame DPDT power relay. I have done this before.

But I built the electronic T/R switch starting a couple of years ago for the QSK feature. It also has the advantage of acting as a preselector.

But I will build a better preselector for 15m and 10M by the time they really open up.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: jeremy-ca
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 2:14 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

A simple open frame relay is more than sufficient for T/R switching as long as youre not running digital modes or QSK. Heath and just about every other amp company used them with no problems.

There will be a slight bit of XL on 10M but it wont affect any real radio. A perfectionist can use a low value cap to tune it out, typically 30-33 pf.

Carl
KM1H

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 4:36 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

Jim,

I have been collecting the parts to build a POOR MANS DowKey antenna relay. But do to recent thinking I need to get a different relay.

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But his won't be done unit later this summer. The electronic T/R switch is ready to use now. And the new antenna goes up next weekend.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Bob Macklin
To: Bob Macklin
Sent: Friday, May 30, 2008 1:22 PM
Subject: Fw: [heathkitnovicestations] Better TR Switch

--- On Fri, 5/30/08, JAMES HANLON <knjhanlon@msn.com> wrote:

From: JAMES HANLON <knjhanlon@...>
Subject: [heathkitnovicestations] Better TR Switch
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 1:14 PM

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electron icsurplus. com/dictionary/ cat2074.htm I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T) 1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

I used to work for Bell Labs and I "inherited" quite a few mercury wetted SPDT relays. I use one to switch my antenna between transmitter and receiver, a second to key my transmitter, and a third to cut my receiver back for QSK. The swinger on the receiver relay is attached to ground. When the relay is not activated, the swinger shorts across a "monitor volume" pot that I put in series with my RF gain control to ground. When the relay is activated, that contact opens and the added pot allows me to set the RF gain of the receiver lower for convenient monitoring of my signal. I connect the "normally open" contact of that same relay to the antenna terminal of my receiver so that the swinger shorts the antenna to ground when the relay is activated which also helps to cut the received signal back.

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I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

89. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:30:57 UTC
From: Glen Zook
Topic: 73 Message: 89

You can also carefully remove the damaged contact and replace with one removed from another switch. Use the small machine screws and nuts that are used in eyeglass repairs. I have found if you really "sweet talk" one of the technicians at the mall eyeglass places they will generally give you 2 or 3 screws with matching nuts.

I have done this a number of times when a particular wafer has some damaged contacts.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 5/30/08, Bob Macklin <macklinbob@...> wrote:
From: Bob Macklin <macklinbob@...>
Subject: Re: [heathkitnovicestations] Better TR Switch
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 4:05 PM

The HV switching on the function switches 6146 screen grid
source to either the power supply or the modulator. It does not switch the 6164
HV.

BTW:
If the function switch get damaged it can be replaced with
ElectroSwitch (CentraLab) dual 5 position wafers. It takes some work to make
this change but that is better than trashing a unit that is
repairable.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow
in the Dark"

----- Original Message -----
From:
Charles W5COV
To: heathkitnovicestati ons@yahoogroups. com

Sent: Friday, May 30, 2008 1:54 PM
Subject: Re: [heathkitnovicestat ions]
Better TR Switch

I put the DX60B on the bench last
night and all looks good. I will be adding PTT to it this weekend and also
changing the HV from the wafer on the function switch .
I am following the antenna switching
so I can figure out the best way to switch it and mute the

receiver.
   Budget here is about like most on
here , much like it was in my Novice days.
   GREAT GROUP !! Thanks Bob
!!

Charlie W5COV

90. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:37:31 UTC
From: Bob Macklin
Topic: 73 Message: 90

But to do this I would have to remove the switch from the transmitter. By the time I have done that I would find it easier to replace the wafer.

ElectroSwitch does sell the wafers separately and the fiberglass wafers are better quality than the original Heath wafers.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 2:30 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

You can also carefully remove the damaged contact and replace with one removed from another switch. Use the small machine screws and nuts that are used in eyeglass repairs. I have found if you really "sweet talk" one of the technicians at the mall eyeglass places they will generally give you 2 or 3 screws with matching nuts.

I have done this a number of times when a particular wafer has some damaged contacts.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 5/30/08, Bob Macklin <macklinbob@...> wrote:

From: Bob Macklin <macklinbob@msn.com>
Subject: Re: [heathkitnovicestations] Better TR Switch
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 4:05 PM

The HV switching on the function switches 6146 screen grid source to either the power supply or the modulator. It does not switch the 6164 HV.

BTW:
If the function switch get damaged it can be replaced with ElectroSwitch (CentraLab) dual 5 position wafers. It takes some work to make this change but that is better than trashing a unit that is repairable.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Charles W5COV

To: heathkitnovicestati ons@yahoogroups. com
Sent: Friday, May 30, 2008 1:54 PM
Subject: Re: [heathkitnovicestat ions] Better TR Switch

I put the DX60B on the bench last night and all looks good. I will be adding PTT to it this weekend and also changing the HV from the wafer on the function switch .
I am following the antenna switching so I can figure out the best way to switch it and mute the receiver.
Budget here is about like most on here , much like it was in my Novice days.
GREAT GROUP !! Thanks Bob !!

Charlie W5COV

91. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 21:40:03 UTC
From: N2EY@aol.com
Topic: 65 Message: 91

-----Original Message-----
From: jeremy-ca <km1h@...>

>I never had TVI from 80/40M operation with Class C rigs in the 50's. These days I run up to a KW on CW/AM and use a >Johnson or B&W KW LPF at the output of the exciters and amps. No problem even on 10M.

The problem isn't the rig itself; it's the electronic TR switch being used *after* all the output-circuit selectivity.

One solution is to use a TR switch that connects to the plate of the output tube (through a high voltage couple-of-PF capacitor) rather than the output of the rig. A 6AH6 is a good switch tube for the job, has low NF and some gain. But you have to open up the rig to install it, and the rig must be tuned up for the band in use.

73 de Jim, N2EY

92. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-30 22:57:33 UTC
From: Glen Zook
Topic: 73 Message: 92

I never remove the wafer! If you are careful you can use a pair of needle nose pliers or diagonal cutters to remove the contact and then remove the rivet with a pair of diagonal cutters. Just align the new contact and insert the machine screw and attach the nut.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 5/30/08, Bob Macklin <macklinbob@...> wrote:
From: Bob Macklin <macklinbob@...>
Subject: Re: [heathkitnovicestations] Better TR Switch
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 4:37 PM

But to do this I would have to remove the switch from the
transmitter. By the time I have done that I would find it easier to replace the
wafer.

ElectroSwitch does sell the wafers separately and the
fiberglass wafers are better quality than the original Heath
wafers.

93. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-30 23:15:41 UTC
From: jeremy-ca
Topic: 65 Message: 93

----- Original Message -----
From: N2EY@...
To: heathkitnovicestations@yahoogroups.com ; merrijoy@...
Sent: Friday, May 30, 2008 5:40 PM
Subject: Re: [heathkitnovicestations] Potential TVI Problem!

-----Original Message-----
From: jeremy-ca <km1h@...>

>I never had TVI from 80/40M operation with Class C rigs in the 50's.
These days I run up to a KW on CW/AM and use a >Johnson or B&W KW LPF
at the output of the exciters and amps. No problem even on 10M.

The problem isn't the rig itself; it's the electronic TR switch being
used *after* all the output-circuit selectivity.

I wasnt referring to an electronic switch and was simply replying to using an open frame
relay in place of a Dow Key or similar.

Some rigs, especially home brews with untuned oscillator plate circuits are potential
harmonic generators within the ham bands. An electronic TR will make matters worse.

One solution is to use a TR switch that connects to the plate of the
output tube (through a high voltage couple-of-PF capacitor) rather than
the output of the rig. A 6AH6 is a good switch tube for the job, has
low NF and some gain. But you have to open up the rig to install it,
and the rig must be tuned up for the band in use.

That circuit is known for creating suckouts and actually reducing the receiver performance.

Electronic TR has no real benefit, considering the shortcomings, in a simple RX-TX station
for normal CW/AM operation. If QSK is needed then use a fast reed relay as use in many rice
box transceivers.

Carl

KM1H

73 de Jim, N2EY

94. Re: Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-31 00:03:41 UTC
From: w0qfc
Topic: 73 Message: 94

--- In heathkitnovicestations@yahoogroups.com, "Doug Forbes"
<dougforbes@...> wrote:
>
>
> I am interested in a copy of the article you mention.
> Thanks,
> Gene, W0QFC
>
> Bob,
>
> Rather than ask for trouble by using a TR switch that generates
harmonics,
> I'd suggest that you use a mercury wetted relay as an antenna
switch. I've
> been using one since sometime in the 70's and it does an excellent
job.
>
> Mercury wetted relays are fast, they operate and release in under
a
> millisecond, they have very low contact resistance, their contacts
are
> absolutely linear so they generate no harmonics, and they have
no "bounce"
> on switching. Once they close, they stay closed; and once they
open, they
> stay open. You can get a SPDT mercury wetted relay at
> http://www.electronicsurplus.com/dictionary/cat2074.htm I found a
Clare
> HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms,
for
> $11.95. They also list a Clare HGSR-51111-T)1, SPDT, 24 volt coil,
with a
> cost of $.00! (No kidding). I'd get several if they would sell
them for
> that price!
>
> I used to work for Bell Labs and I "inherited" quite a few
mercury wetted
> SPDT relays. I use one to switch my antenna between transmitter and
> receiver, a second to key my transmitter, and a third to cut my
receiver
> back for QSK. The swinger on the receiver relay is attached to
ground.
> When the relay is not activated, the swinger shorts across
a "monitor

> volume" pot that I put in series with my RF gain control to
ground. When
> the relay is activated, that contact opens and the added pot allows
me to
> set the RF gain of the receiver lower for convenient monitoring of
my
> signal. I connect the "normally open" contact of that same relay
to the
> antenna terminal of my receiver so that the swinger shorts the
antenna to
> ground when the relay is activated which also helps to cut the
received
> signal back.
>
> I have a time delay circuit built out of a few radio shack
transistors and
> some R's and C's. When I hit my key the antenna relay and the
receiver
> relay activate first and then the keying relay closes. When I
release my
> key the keying relay opens first and later the antenna and receiver
relays
> release. It gives me perfect QSK at speeds a lot faster than the
30 wpm I
> usually top out at.
>
> I'd be happy to send you a copy of my ER article describing the
full QSK
> keyer if you are interested.
>
> One other question. Is it possible for me to change my
subscription to a
> "digest" version of this reflector?
>
> 73,
>
> Jim Hanlon, W8KGI
>

95. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-31 00:21:13 UTC
From: N2EY@aol.com
Topic: 65 Message: 95

In a message dated 5/30/08 7:20:37 PM Eastern Daylight Time,
km1h@... writes:
>
> >> Some rigs, especially home brews with untuned oscillator plate circuits
>> are potential harmonic generators within the ham bands. An electronic TR will
>> make matters worse.
>>

Agreed on all counts - if the electronic TR is in the coax line.
> >>
>> One solution is to use a TR switch that connects to the plate of the
>> output tube (through a high voltage couple-of-PF capacitor) rather than
>> the output of the rig. A 6AH6 is a good switch tube for the job, has
>> low NF and some gain. But you have to open up the rig to install it,
>> and the rig must be tuned up for the band in use.
>>
>>
>> That circuit is known for creating suckouts and actually reducing the
>> receiver performance.

It doesn't create suckout; that's a characteristic of the kind of electronic
TR that is connected across the coax. (Call them "high impedance" and "low
impedance" for clarity).

The low-impedance TR switches can cause all sorts of odd troubles, but the
high-impedance are well-behaved if built right. The HW-16 uses a high-impedance
TR switch and has very low harmonics.

Whether the circuit described reduces receiver performance depends on how
good the receiver is. In the case of many less-expensive receivers, the TR switch
can actually improve performance by effectively adding an RF stage.
> >>
>> Electronic TR has no real benefit, considering the shortcomings, in a
>> simple RX-TX station for normal CW/AM operation.

I agree 100%! QSK is a wonderful feature, but real QSK takes more than just
an electronic TR switch.

If QSK is needed then use a fast reed relay as use in many rice box
> >> transceivers.

In the 1970s I built a couple of rigs with true QSK, using a high-impedance
TR switch in the antenna circuit and a high-speed open-frame SPDT relay. The
moving contact grounded the key line on transmit and the receiver mute line on
receive. Foolproof and worked great for handling traffic.

I used a heterodyne VFO with the mixer keyed, along with the driver and final stages. The final plate current had to be cut off to avoid diode noise on transmit. The setup was really quite simple, once the rx and tx were built. The hardest part is coming up with a VFO controlled CW rig that will key cleanly (no clicks or chirps) with no backwave in the receiver and no diode hash from the finals.

Note that many popular mercury-wetted relays have make-before-break contacts and are not really suited for the job.

Master homebrewer and CW op W2LYH used a keyed antenna relay, but did not switch the antenna with it. Instead, it simply disconnected the receiver when closed. See his station control article in QST for January 1960.

There's a trick to making DC relays operate faster.

One of the things that slows down relay pick-up time is the inductance of the coil. When the circuit is closed, the coil inductance limits how fast the current can rise, and and until the current reaches pick-up value, the contacts don't close.

What you really have is an LR circuit, with L being the inductance and R being the resistance of the circuit. The time constant of such a circuit is T=L/R, and is a fundamental limitation of pickup time.

But notice that if R is made larger while L remains the same, T will decrease. So the trick is to put a resistor in series with the relay, and use a higher circuit voltage. The resistor is sized to put the correct voltage on the relay coil when things settle down.

For example, if a 12 volt relay with a 400 ohm coil is used with a 1200 ohm series resistor and 48 volt supply, the time constant will be 1/4th the value if it were operated from 12 volts with no series resistor.

73 de Jim, N2EY

****
Get trade secrets for amazing burgers. Watch "Cooking with
Tyler Florence" on AOL Food.
(http://food.aol.com/tyler-florence?video=4&
?NCID=aolfod00030000000002)

96. 40m AM

Yahoo group: heathkitnovicestations
Date: 2008-05-31 00:39:35 UTC
From: kf6pqt
Topic: 96 Message: 96

I'm just getting into 40m AM, (with my DX-60 and VF-1) find it a nice diversion from the broadcast-transmitter audio-snobbery of 3870.

I started out out on 7290, but found everyone else was on 7293. I'm in CA, and have been chatting w/ guys in AZ.

With whatever free time I have this weekend, I hope to be putting up a 6m antenna, but I'll find some time to call CQ on 7293. I'll probably be able to hear someone on 7290 still, and would be glad to QSY. ;)

73,
Jason kf6pqt

PS, I have the following "novice" heathkit gear: the Dx-60, a HW-16 that doesnt currently transmit, AT-1, battered corpse of a DX-40, a tener, a sixer, a few twoers, Seneca... I guess the DX-100b counts... I think thats all of 'em. ;)

--
--... ...-- -.. . -.- ..-. -.... .--. --.- -
AMI #1625 SKCC #3768
http://kf6pqt.net

97. Mercury Relays

Yahoo group: heathkitnovicestations
Date: 2008-05-31 01:37:03 UTC
From: JAMES HANLON
Topic: 97 Message: 97

"Note that many popular mercury-wetted relays have make-before-break contacts and are not really suited for the job."

There are some mercury-wetted relays that have make-before-break contacts, but there's no problem using them either as antenna relays or as keying relays if they are timed properly. I'm currently using a Western Electric 276 relay with a 5 amp, make-before-break contact as my antenna relay and it does a great job of conducting the output of my SB-200 amplifier at about 600 watts into the 50 ohm load presented by my antenna tuner. I do have a differential timing circuit that switches my antenna relay and my receiver cutback relay first, then turns on my keyed oscillator stage, and finally turns on my amplifier stage. It operates in reverse order when I lift the key. I'm using "open transfer" mercury wetted relays for the receiver cutback and transmitter keying jobs.

Jim, W8KGI

98. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-31 01:43:08 UTC
From: jeremy-ca
Topic: 65 Message: 98

----- Original Message -----
From: N2EY@...
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 8:21 PM
Subject: Re: [heathkitnovicestations] Potential TVI Problem!

In a message dated 5/30/08 7:20:37 PM Eastern Daylight Time, km1h@... writes:

Some rigs, especially home brews with untuned oscillator plate circuits are potential harmonic generators within the ham bands. An electronic TR will make matters worse.

Agreed on all counts - if the electronic TR is in the coax line.

One solution is to use a TR switch that connects to the plate of the output tube (through a high voltage couple-of-PF capacitor) rather than the output of the rig. A 6AH6 is a good switch tube for the job, has low NF and some gain. But you have to open up the rig to install it, and the rig must be tuned up for the band in use.

That circuit is known for creating suckouts and actually reducing the receiver performance.

It doesn't create suckout; that's a characteristic of the kind of electronic TR that is connected across the coax. (Call them "high impedance" and "low impedance" for clarity).

Having the receiver tap coming off right at the input to the pi-net can create a suckout in some instances, especially with tubes that have a high output C but it is there in all cases. The tube simply overcomes some of the losses but those losses still add to the noise figure of the receiver; its a compromise no matter how you look at it.
.

The low-impedance TR switches can cause all sorts of odd troubles, but the high-impedance are well-behaved if built right. The HW-16 uses a high-impedance TR switch and has very low harmonics.

Whether the circuit described reduces receiver performance depends on how good the receiver is. In the case of many less-expensive receivers, the TR switch can actually improve performance by effectively adding an RF stage.

Electronic TR has no real benefit, considering the shortcomings, in a simple RX-TX station for normal CW/AM operation.

I agree 100%! QSK is a wonderful feature, but real QSK takes more than just an electronic TR switch.

If QSK is needed then use a fast reed relay as use in many rice box

transceivers
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In the 1970s I built a couple of rigs with true QSK, using a high-impedance TR switch in the antenna circuit and a high-speed open-frame SPDT relay. The moving contact grounded the key line on transmit and the receiver mute line on receive. Foolproof and worked great for handling traffic.

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Note that many popular mercury-wetted relays have make-before-break contacts and are not really suited for the job.

Master homebrewer and CW op W2LYH used a keyed antenna relay, but did not switch the antenna with it. Instead, it simply disconnected the receiver when closed. See his station control article in QST for January 1960.

There's a trick to making DC relays operate faster.

Been doing that for over 30 years. My primary interest is chasing DX on CW and I use VOX break-in with my TS-940, and prior with a TS-930 and Drake C Line before that. Speeding up the switching rate in a huge pileup was often the key to logging a new one. Replacing an open frame relay with a vacuum relay in the amp, speeding that up and plus the fast reed in the xcvr my switching times are measured at just a hair over 1.5 ms. Thats at 1200W and no hot switching. I use Beverages on 160/80 so there I enjoy true QSK.

I also use speed up circuitry in the sequencers for the VHF thru microwave tower mounted preamps. I tend to get grouchy if I have to climb the tower in a blizzard during a contest!

But getting back to the forum intent here the KISS principle aka Elegant Simplicity is more enjoyable than adding more complications and circuitry.

Carl
KM1H

Change settings via the Web (Yahoo! ID required)
Change settings via email: Switch delivery to Daily Digest | Switch format to Traditional
Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe Recent Activity
a.. 68New Members
b.. 3New Photos
c.. 2New Links
Visit Your Group
Special K Group
on Yahoo! Groups

Join the challenge

and lose weight.

Drive Traffic
Sponsored Search

can help increase

your site traffic.

Y! Groups blog
the best source

for the latest

scoop on Groups.
.

99. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-05-31 02:27:18 UTC
From: Bob Macklin
Topic: 73 Message: 99

Glen,

I am 74! I can't see well enough to do that anymore!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 3:57 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

I never remove the wafer! If you are careful you can use a pair of needle nose pliers or diagonal cutters to remove the contact and then remove the rivet with a pair of diagonal cutters. Just align the new contact and insert the machine screw and attach the nut.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 5/30/08, Bob Macklin <macklinbob@...> wrote:

From: Bob Macklin <macklinbob@...>
Subject: Re: [heathkitnovicestations] Better TR Switch
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 4:37 PM

But to do this I would have to remove the switch from the transmitter. By the time I have done that I would find it easier to replace the wafer.

ElectroSwitch does sell the wafers separately and the fiberglass wafers are better quality than the original Heath wafers.

100. Re: [heathkitnovicestations] Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-31 02:37:55 UTC
From: Bob Macklin
Topic: 65 Message: 100

In my 1957 Novice station it took operating 3 switches in sequence.

1. Put Rx in STANDBY.
2. Move the antenna KNIFE SWITCH to the transmit position.
3. Put he Tx switch in the transmit position.

This was a CW only rig so there was no RF on the antenna line when the key was up.

Yes, I did actually set the Rx antenna coil on fire ONCE!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: jeremy-ca
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 6:43 PM
Subject: Re: [heathkitnovicestations] Potential TVI Problem!

----- Original Message -----
From: N2EY@...
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 8:21 PM
Subject: Re: [heathkitnovicestations] Potential TVI Problem!

In a message dated 5/30/08 7:20:37 PM Eastern Daylight Time, km1h@... writes:

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Agreed on all counts - if the electronic TR is in the coax line.

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But getting back to the forum intent here the KISS principle aka Elegant Simplicity is more enjoyable than adding more complications and circuitry.

Carl
KM1H

.

101. Re: Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-31 11:21:20 UTC
From: Bill Cromwell
Topic: 65 Message: 101

Hi Jim,

I installed a solid state (igfet) t/r switch in a transmitter in the 80s. I connected it between the plate DC blocking cap and the input of the pi network. I used a tv in the shack to check for tvi. There wasn't any. The switch was built into a shielded enclosure and that was fastened to the back of the transmitter close to the final amp. I used that without any trouble for several years (and I still have it). Increasing the distance from the final and extending the length of power leads and rf cables outside the shields might contribute to problems too. More low pass filtering is a good idea too. I have a 'storebought' electronic t/r switch intended for use in the tranmitter output cable. I would be reluctant to use it as designed even with additional low pass filtering.

The electronic t/r switch really is viable... just pay attention to the details. You have to do that if you build a vfo or any other circuit. The station I am working on now will use time sequenced electronic switches but will probably use a relay for antenna changeover.

73,

Bill KU8H

102. Re: [heathkitnovicestations] Re: Potential TVI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-05-31 12:41:17 UTC
From: N2EY@aol.com
Topic: 65 Message: 102

In a message dated 5/31/08 7:21:37 AM Eastern Daylight Time,
w_r_cromwell@... writes:
>
> I installed a solid state (igfet) t/r switch in a transmitter in the 80s. I
> connected it between the plate DC blocking cap and the input of the pi
> network.

That's what I call a "high impedance" electronic TR. I first tried out a tube
version in the mid-1970s.

> Increasing the distance from the final and extending the length of power
> leads and rf cables outside the shields might contribute to problems too.

Such a high-impedance TR should be built into the rig, with short leads to
the plate circuit.

This isn't a new thing; Lynmar made a commercial version in the mid-1950s
(Lynmar TRS-1 IIRC).
>
> The electronic t/r switch really is viable... just pay attention to the
> details. You have to do that if you build a vfo or any other circuit. The station
> I am working on now will use time sequenced electronic switches but will
> probably use a relay for antenna changeover.

The way I see it, if you don't insist on QSK, there's no reason to key the
VFO and have a complex keying system. But if you want QSK, the keying system
requires careful attention.

73 de Jim, N2EY

****
Get trade secrets for amazing burgers. Watch "Cooking with
Tyler Florence" on AOL Food.
(http://food.aol.com/tyler-florence?video=4&
?NCID=aolfod00030000000002)

103. RFI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-06-01 16:38:47 UTC
From: Bob Macklin
Topic: 103 Message: 103

This time I am the victim rather then the perpetrator!

Last Wednesday evening after dinner I got some terrible RFI on 40M. It looked like white noise 10KC wide with bursts spaced every 60KC on the 40M band. And even worse it wandered around! It was also present on 80M and 20M.

It was still there early Thursday morning but went away about 7AM.

It came back again on Thursday evening and quit again on Friday morning.

On Saturday morning I remembered that my neighbor (a woman about 60) told me she had just got a new electric scooter. I thought that maybe it was the charger causing the problem.

Last night I was able to talk to her and prove it was the charger that was the source of the noise.

She was very upset when I told her she had to get it replaced. It is switching power supply and you can't do anything to eliminate the noise from those things other than turn them off.

The noise is coming in on the antenna, not the line.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

104. HR-10B IF TRANSFORMER WANTED

Yahoo group: heathkitnovicestations
Date: 2008-06-01 16:52:04 UTC
From: k8zjc
Topic: 104 Message: 104

LOOKING FOR HEATHKIT HR-10B IF TRANSFORMER
I am looking for a Input IF transformer Part# 52-50 (488332)to complete
my Hr-10B rebuild. Any around? Regards, Norm...

105. Re: [heathkitnovicestations] HR-10B IF TRANSFORMER WANTED

Yahoo group: heathkitnovicestations
Date: 2008-06-01 17:34:42 UTC
From: john@k5see.com
Topic: 104 Message: 105

I have an HR-10B that?is good for parts, and will help you out.? Please describe the part you need in a little more detail as sometimes the part number may change depending on the revision number of the radio construction manual.? Not sure about "input IF transformer" nomenclature.

tnx es 73 de John, K5SEE

-----Original Message-----
From: k8zjc <k8zjc@...>
To: heathkitnovicestations@yahoogroups.com
Sent: Sun, 1 Jun 2008 11:52 am
Subject: [heathkitnovicestations] HR-10B IF TRANSFORMER WANTED

LOOKING FOR HEATHKIT HR-10B IF TRANSFORMER
I am looking for a Input IF transformer Part# 52-50 (488332)to complete
my Hr-10B rebuild. Any around? Regards, Norm...

Sent from a personalized AOL(R) My eAddress. Create your own FREE email address from scratch (go to http://domains.aol.com), not just the part before the @.

106. Re: [heathkitnovicestations] HR-10B IF TRANSFORMER WANTED

Yahoo group: heathkitnovicestations
Date: 2008-06-01 17:40:36 UTC
From: Bob Macklin
Topic: 104 Message: 106

There are 3 tall IF transformers and a short BFO coil in the HR-10.

The IF transformer that Norm is looking for is the one nearest the 100KC calibrator. It is near the right rear side of the chassis. It has 2 leads connected to the crystal filter.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: john@...
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 01, 2008 10:34 AM
Subject: Re: [heathkitnovicestations] HR-10B IF TRANSFORMER WANTED

I have an HR-10B that is good for parts, and will help you out. Please describe the part you need in a little more detail as sometimes the part number may change depending on the revision number of the radio construction manual. Not sure about "input IF transformer" nomenclature.

tnx es 73 de John, K5SEE

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Sent from a personalized AOL(R) My eAddress. Create your own FREE email address from scratch, not just the part before the @.

107. Re: [SPAM] [heathkitnovicestations] RFI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-06-01 17:45:35 UTC
From: Kenneth G. Gordon
Topic: 103 Message: 107

On 1 Jun 2008 at 9:38, Bob Macklin wrote:

> Last night I was able to talk to her and prove it was the charger that
> was the source of the noise.
>
> She was very upset when I told her she had to get it replaced. It is
> switching power supply and you can't do anything to eliminate the
> noise from those things other than turn them off.

That isn't true, but the fix is hardly worth the effort.

Ken Gordon W7EKB

108. Re: RFI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-06-01 17:46:38 UTC
From: Kenneth G. Gordon
Topic: 103 Message: 108

On 1 Jun 2008 at 9:38, Bob Macklin wrote:

> Last night I was able to talk to her and prove it was the charger that
> was the source of the noise.
>
> She was very upset when I told her she had to get it replaced. It is
> switching power supply and you can't do anything to eliminate the
> noise from those things other than turn them off.

Actually, they CAN be fixed, but the fix is hardly worth the
effort...

Ken Gordon W7EKB

109. Re: [heathkitnovicestations] RFI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-06-01 18:08:13 UTC
From: Ray
Topic: 103 Message: 109

I had a neighbor once that had gotten one of those things from a disabled friend and just as soon as she plugged it in, almost all of my hf went away and I took a portable out to a couple hundred feet and it did not lessen. I checked the charger and got the info from it and called the manufacturer and they were less than inclined to help. I asked the office people to put me thru to the engineering staff and they refused. Fortunately, she moved and took the thing with here causing me to not to resort to serious actions. A very nasty sounding system, and up to the 6 meter band, only 2 fm was spared.

Ray, W5XE

110. Re: [heathkitnovicestations] RFI Problem!

Yahoo group: heathkitnovicestations
Date: 2008-06-01 18:15:05 UTC
From: Bob Macklin
Topic: 103 Message: 110

I suspect they feel that if it does not cause TVI it is OK.

I wonder what a letter from the FCC would do.

This woman is BIG OITA anyway. I think she is also afraid of being evicted. She has had other problems with the management.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Ray
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 01, 2008 11:08 AM
Subject: Re: [heathkitnovicestations] RFI Problem!

I had a neighbor once that had gotten one of those things from a disabled friend and just as soon as she plugged it in, almost all of my hf went away and I took a portable out to a couple hundred feet and it did not lessen. I checked the charger and got the info from it and called the manufacturer and they were less than inclined to help. I asked the office people to put me thru to the engineering staff and they refused. Fortunately, she moved and took the thing with here causing me to not to resort to serious actions. A very nasty sounding system, and up to the 6 meter band, only 2 fm was spared.

Ray, W5XE

111. calling cq on 7293 in just a few minutes.

Yahoo group: heathkitnovicestations
Date: 2008-06-01 23:16:48 UTC
From: kf6pqt
Topic: 111 Message: 111

Warming the dx-60 up now.

73,
Jason kf6pqt

--
--... ...-- -.. . -.- ..-. -.... .--. --.- -
AMI #1625 SKCC #3768
http://kf6pqt.net

112. RE: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-06-01 23:38:04 UTC
From: Morris Dillingham
Topic: 73 Message: 112

I have some small copper rivets that look to be those that are used in rotary switches. Looks like it would not be hard to rivet the new contact in place with them. I got them in one of those flat-rate postage bulk “surprise” packages offered by Lloyd’s Dipsey Dumpster. I just had to pick them all out and put them in a medicine bottle. I wonder where you could by some more. Good idea, though, about the eyeglass screws.

Morris

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Glen Zook
Sent: Friday, May 30, 2008 5:31 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Better TR Switch

You can also carefully remove the damaged contact and replace with one removed from another switch. Use the small machine screws and nuts that are used in eyeglass repairs. I have found if you really "sweet talk" one of the technicians at the mall eyeglass places they will generally give you 2 or 3 screws with matching nuts.

I have done this a number of times when a particular wafer has some damaged contacts.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 5/30/08, Bob Macklin <macklinbob@...> wrote:

From: Bob Macklin <macklinbob@...>
Subject: Re: [heathkitnovicestations] Better TR Switch
To: heathkitnovicestations@yahoogroups.com
Date: Friday, May 30, 2008, 4:05 PM

The HV switching on the function switches 6146 screen grid source to either the power supply or the modulator. It does not switch the 6164 HV.

BTW:

If the function switch get damaged it can be replaced with ElectroSwitch (CentraLab) dual 5 position wafers. It takes some work to make this change but that is better than trashing a unit that is repairable.

Bob Macklin
K5MYJ
Seattle, Wa,

"Real Radios Glow in the Dark"

----- Original Message -----

From: Charles W5COV <mailto:cvest@...>

To: heathkitnovicestati <mailto:heathkitnovicestations@yahoogroups.com>
ons@yahoogroups. com

Sent: Friday, May 30, 2008 1:54 PM

Subject: Re: [heathkitnovicestat ions] Better TR Switch

I put the DX60B on the bench last night and all looks good. I will be adding PTT to it this weekend and also changing the HV from the wafer on the function switch .

I am following the antenna switching so I can figure out the best way to switch it and mute the receiver.

Budget here is about like most on here , much like it was in my Novice days.

GREAT GROUP !! Thanks Bob !!

Charlie W5COV

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.24.4/1477 - Release Date: 6/1/2008
5:28 PM

No virus found in this outgoing message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.24.4/1477 - Release Date: 6/1/2008
5:28 PM

113. Re: calling cq on 7293 in just a few minutes.

Yahoo group: heathkitnovicestations
Date: 2008-06-02 00:00:16 UTC
From: kf6pqt
Topic: 111 Message: 113

No contacts. Gotta get that 6m antenna on the roof before the sun goes down!

73, Jason kf6pqt

On Sun, Jun 1, 2008 at 4:16 PM, kf6pqt <kf6pqt@...> wrote:
> Warming the dx-60 up now.
>
> 73,
> Jason kf6pqt
>
> --
> --... ...-- -.. . -.- ..-. -.... .--. --.- -
> AMI #1625 SKCC #3768
> http://kf6pqt.net
>

--
--... ...-- -.. . -.- ..-. -.... .--. --.- -
AMI #1625 SKCC #3768
http://kf6pqt.net

114. Re: [heathkitnovicestations] Re: calling cq on 7293 in just a few minutes.

Yahoo group: heathkitnovicestations
Date: 2008-06-02 00:01:23 UTC
From: Bob Macklin
Topic: 111 Message: 114

Nothing heard in Seattle!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: kf6pqt
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 01, 2008 5:00 PM
Subject: [heathkitnovicestations] Re: calling cq on 7293 in just a few minutes.

No contacts. Gotta get that 6m antenna on the roof before the sun goes down!

73, Jason kf6pqt

On Sun, Jun 1, 2008 at 4:16 PM, kf6pqt <kf6pqt@...> wrote:
> Warming the dx-60 up now.
>
> 73,
> Jason kf6pqt
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> --
> --... ...-- -.. . -.- ..-. -.... .--. --.- -
> AMI #1625 SKCC #3768
> http://kf6pqt.net
>

--
--... ...-- -.. . -.- ..-. -.... .--. --.- -
AMI #1625 SKCC #3768
http://kf6pqt.net

115. FS: FT-241 CRYSTALS

Yahoo group: heathkitnovicestations
Date: 2008-06-02 11:46:58 UTC
From: Bry Carling
Topic: 115 Message: 115

FOR SALE:

Quantity of 20 FT241 Crystals on random
LF frequencies. Same pins and spacing as FT243.

All in excellent condition. Mostly appear to
be unused.

20 available for a total of $9.00 plus shipping.

116. Heath HR-10 Audio Transformer Needed

Yahoo group: heathkitnovicestations
Date: 2008-06-03 03:51:36 UTC
From: Charles W5COV
Topic: 116 Message: 116

While getting the Heath station ready to go on the air , the HR-10 died . I found it to be an open secondary on the audio output transformer.
Does anyone have one from a parts rig or know of a source for an suitable replacement.
Iron is pretty thin in the junkbox here .
Please let me know what you have and the price .
Thank you ,

Charlie , W5COV

117. Re: [heathkitnovicestations] Heath HR-10 Audio Transformer Needed

Yahoo group: heathkitnovicestations
Date: 2008-06-03 04:09:02 UTC
From: Bob Macklin
Topic: 116 Message: 117

Hammond produces universal replacement output transformers. They are listed in the Mouser catalog.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Charles W5COV
To: heathkitnovicestations@yahoogroups.com ; glowbugs@...
Sent: Monday, June 02, 2008 8:51 PM
Subject: [heathkitnovicestations] Heath HR-10 Audio Transformer Needed

While getting the Heath station ready to go on the air , the HR-10 died . I found it to be an open secondary on the audio output transformer.
Does anyone have one from a parts rig or know of a source for an suitable replacement.
Iron is pretty thin in the junkbox here .
Please let me know what you have and the price .
Thank you ,

Charlie , W5COV

118. Re: Heath HR-10 Audio Transformer Needed

Yahoo group: heathkitnovicestations
Date: 2008-06-03 06:15:01 UTC
From: k5seejohn
Topic: 116 Message: 118

I have one which I believe to be good, as I have checked continuity OK. Does $6 plus shipping sound fair? I will stand behind it. QRZ.com address is good for me, how about you?

73 de John, K5SEE

119. Re: [heathkitnovicestations] Heath HR-10 Audio Transformer Needed

Yahoo group: heathkitnovicestations
Date: 2008-06-03 11:46:49 UTC
From: Rodger
Topic: 116 Message: 119

Charlie,

I cannot recall physically how the HR-10 transformer is constructed but in many cases the secondary winding is fairly easy to fix. Generally it is the primary that goes open (much smaller gauge wire and it carries the plate current for the output tube) so before you condemn the transformer check to see if the winding is broken near one of the terminal connections. For the HR-10 the transformer is probably a pretty standard mount so you should be able to get a Hammond model from Mouser (www.mouser.com (http://www.mouser.com)) or other Hammond distributors and Antique Electronic (www.tubesandmore.com (http://www.tubesandmore.com)) used to carry an even lower cost version designed for low power single tube output stages. If you want to keep it completely authentic and you cannot find a replacement from a parts unit you can probably partially disassemble your transformer and either repair or rewind the secondary as the secondary will not have that many turns and the wire should be of a reasonable gauge to handle.

Rodger WQ9E

Charles W5COV wrote:

While getting the Heath station ready to go on the air , the HR-10 died . I found it to be an open secondary on the audio output transformer.

Does anyone have one from a parts rig or know of a source for an suitable replacement.

Iron is pretty thin in the junkbox here .

Please let me know what you have and the price .

Thank you ,

Charlie , W5COV

120. Re: [heathkitnovicestations] Re: Heath HR-10 Audio Transformer Needed

Yahoo group: heathkitnovicestations
Date: 2008-06-03 16:56:36 UTC
From: Charles W5COV
Topic: 116 Message: 120

Hi John ,

That sounds fair enough to me. I am good on QRZ . My zip code is 74072 . Please send me the total and the method of payment you prefer .

Thank you ,

Charlie , W5COV

121. Re: [heathkitnovicestations] Heath HR-10 Audio Transformer on the way

Yahoo group: heathkitnovicestations
Date: 2008-06-03 18:59:04 UTC
From: john@k5see.com
Topic: 116 Message: 121

Charlie, I'll mail it tomorrow.? Wait till you get it to be sure it will work for you.? Postage was $2.87, so total will be $8.87 if it works for you.?

Good luck.? Check, cash, etc. is OK.

73 de John, K5SEE
John Holliman
11919 Bourgeois Forest Dr.
houston, TX 77066

-----Original Message-----
From: Charles W5COV <cvest@...>
To: heathkitnovicestations@yahoogroups.com
Sent: Tue, 3 Jun 2008 11:56 am
Subject: Re: [heathkitnovicestations] Re: Heath HR-10 Audio Transformer Needed

Hi John ,

?

?? That sounds fair enough to me. I am good on QRZ . My zip code is 74072 . Please send me the total and the method of payment you prefer .

?

Thank you ,

?

Charlie , W5COV

Sent from a personalized AOL(R) My eAddress. Create your own FREE email address from scratch (go to http://domains.aol.com), not just the part before the @.

122. Discovery! GR-54!

Yahoo group: heathkitnovicestations
Date: 2008-06-06 01:41:29 UTC
From: Bob Macklin
Topic: 122 Message: 122

I have been trying to buy another General Coverage receiver.

I spotted a Heath GR-54 on eBay. After doing some research on it I found it is a General Coverage version of the HR-10. Same basic tube lineup. Same 1680KC IF.

But there are differences in the audio section.

But the bandspread dial does not impress me.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

123. Re: [heathkitnovicestations] Heath HR-10 Audio Transformer on the way

Yahoo group: heathkitnovicestations
Date: 2008-06-09 03:53:37 UTC
From: Charles W5COV
Topic: 116 Message: 123

Hi John ,

Put the transformer in this evening and the HR-10 is working perfect . That fixed the audio problem. Will drop your payment in the morning mail .
Thank you so much .

73 , Charlie , W5COV

124. Re: [heathkitnovicestations] Heath HR-10 Audio Transformer on the way

Yahoo group: heathkitnovicestations
Date: 2008-06-09 04:04:30 UTC
From: Bob Macklin
Topic: 116 Message: 124

I am glad something useful is happening here!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Charles W5COV
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 08, 2008 8:53 PM
Subject: Re: [heathkitnovicestations] Heath HR-10 Audio Transformer on the way

Hi John ,

Put the transformer in this evening and the HR-10 is working perfect . That fixed the audio problem. Will drop your payment in the morning mail .
Thank you so much .

73 , Charlie , W5COV

125. Re: VFO Plastic Dial Drum

Yahoo group: heathkitnovicestations
Date: 2008-06-09 23:09:29 UTC
From: lee
Topic: 73 Message: 125

I must confess, I joined this group and do not own a DX-60!!! However a fellow ham friend of mine is transferring ownership to me of a DX-60A with matching VFO. I'm going to pick the rig up tomorrow. The VFO has a plastic dial drum that rotates when you change bands.

The transmitter needs two (2) replacement grey small knobs. (One of the knobs is missing and the other one has a big crack in it). The VFO's plastic dial drum is cracked and shattered in a few places and some of the dial drum is missing. It needs to be replaced. I recall someone once sold replacement dial drums. I don't recall who that was and if they are still available.

Does anyone on here know where I can buy a replacement dial drum for the VFO and does anyone on here have two grey small Heathkit knobs I can buy to replace the missing one and the bad one on the transmitter? I sure would appreciate any input or help from the group on this.

I have ordered new electrolytic axial capacitors from Mouser today and plan to recap the transmitter. More then likely I will have to repaint the cabinet covers too. The front panel and meter are in good shape, so I think with a little work, the set up will look great when restored. The transmitter and VFO are functual right now at full power, but I will feel better about running the rig after the electrolytics are replaced.

At any rate, the VFO Dial Drum and the two knobs are my biggest hurdle to overcome right now. Any help would be appreciated.

Lee, w0vt
Houston

126. Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Yahoo group: heathkitnovicestations
Date: 2008-06-09 23:16:11 UTC
From: Bob Macklin
Topic: 73 Message: 126

Contact Glen Zook:
gzook@...

He makes replacement parts for some Heath items.

He is on this list.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: lee
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 09, 2008 4:09 PM
Subject: [heathkitnovicestations] Re: VFO Plastic Dial Drum

I must confess, I joined this group and do not own a DX-60!!! However a fellow ham friend of mine is transferring ownership to me of a DX-60A with matching VFO. I'm going to pick the rig up tomorrow. The VFO has a plastic dial drum that rotates when you change bands.

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At any rate, the VFO Dial Drum and the two knobs are my biggest hurdle to overcome right now. Any help would be appreciated.

Lee, w0vt
Houston

127. Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Yahoo group: heathkitnovicestations
Date: 2008-06-09 23:53:57 UTC
From: lee
Topic: 73 Message: 127

Well, thanks Bob. It's too late for the dial drum. I just found "Heathbelts" on the internet and they reproduce and sell replacement dial drums. I just ordered one from them. I don't know how good it will be but they say it looks and installs like the original and I won't be able to tell it is a replacement. It was $23.95 plus $8.00 shipping. If it works that will be a BIG part of a nice restoration. I know Glen adds a lot to a lot of reflectors. I would have bought one from him if available but it's too late now. Ii do appreciate the info from you. Now I have to find two knobs. I hope and don't think that should be too big a problem. Maybe I can find two on the dreaded E reflector.

One last thing. I know Glen Zook posted a paint formula sheet for many radios the other day, but I see nothing for a DX-60, A or B radio. Does anyone have a formula for a DX60A and a DX60B cabinet?

Lee, w0vt

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 09, 2008 6:16 PM
Subject: Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Contact Glen Zook:
gzook@...

He makes replacement parts for some Heath items.

He is on this list.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: lee
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 09, 2008 4:09 PM
Subject: [heathkitnovicestations] Re: VFO Plastic Dial Drum

I must confess, I joined this group and do not own a DX-60!!! However a fellow ham friend of mine is transferring ownership to me of a DX-60A with matching VFO. I'm going to pick the rig up tomorrow. The VFO has a plastic dial drum that rotates when you change bands.

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At any rate, the VFO Dial Drum and the two knobs are my biggest hurdle to overcome right now. Any help would be appreciated.

Lee, w0vt
Houston

128. Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Yahoo group: heathkitnovicestations
Date: 2008-06-10 01:15:39 UTC
From: Don W4BWS
Topic: 73 Message: 128

Lee, I have alot of the grey and cream heath knobs but all have cracks which was usual after a few years. On my DX 60B I replaced the lower 5 knobs with the green skirted heath knobs they used on the watt meters and phone patches and some SB series. Looks really nice. If you need cracked knobs let me know.
Don W4BWS
----- Original Message -----
From: lee
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 09, 2008 6:09 PM
Subject: [heathkitnovicestations] Re: VFO Plastic Dial Drum

I must confess, I joined this group and do not own a DX-60!!! However a fellow ham friend of mine is transferring ownership to me of a DX-60A with matching VFO. I'm going to pick the rig up tomorrow. The VFO has a plastic dial drum that rotates when you change bands.

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At any rate, the VFO Dial Drum and the two knobs are my biggest hurdle to overcome right now. Any help would be appreciated.

Lee, w0vt
Houston

129. Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Yahoo group: heathkitnovicestations
Date: 2008-06-10 01:25:07 UTC
From: lee
Topic: 73 Message: 129

Don:
Thanks for the offer. I will let you know. Hopefully I can find some that are not cracked. If I can't I'll either then do what you did or ask you about your cracked ones. I appreciate your help. I'll get back to you.
73, Lee, w0vt

----- Original Message -----
From: Don W4BWS
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 09, 2008 8:15 PM
Subject: Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Lee, I have alot of the grey and cream heath knobs but all have cracks which was usual after a few years. On my DX 60B I replaced the lower 5 knobs with the green skirted heath knobs they used on the watt meters and phone patches and some SB series. Looks really nice. If you need cracked knobs let me know.
Don W4BWS
----- Original Message -----
From: lee
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 09, 2008 6:09 PM
Subject: [heathkitnovicestations] Re: VFO Plastic Dial Drum

I must confess, I joined this group and do not own a DX-60!!! However a fellow ham friend of mine is transferring ownership to me of a DX-60A with matching VFO. I'm going to pick the rig up tomorrow. The VFO has a plastic dial drum that rotates when you change bands.

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At any rate, the VFO Dial Drum and the two knobs are my biggest hurdle to overcome right now. Any help would be appreciated.

Lee, w0vt
Houston

130. Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Yahoo group: heathkitnovicestations
Date: 2008-06-10 01:35:21 UTC
From: Tom NØJMY - AAR7FV
Topic: 73 Message: 130

Lee, are you sure about the grey color? I believe any DX-60 series rigs had the cream color small knob that Rev. Don mentioned. I'm sure I've got a few extras if you strike out elsewhere.

73,
Tom

Front Panel Overlays for Ham Radio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
www.hayseedhamfest.com

lee wrote:
>
>
> Don:
> Thanks for the offer. I will let you know. Hopefully I can find some
> that are not cracked. If I can't I'll either then do what you did or
> ask you about your cracked ones. I appreciate your help. I'll get back
> to you.
> 73, Lee, w0vt
>
>
>
> ----- Original Message -----
>
> *From:* Don W4BWS <mailto:w4bws@...>
> *To:* heathkitnovicestations@yahoogroups.com
> <mailto:heathkitnovicestations@yahoogroups.com>
> *Sent:* Monday, June 09, 2008 8:15 PM
> *Subject:* Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum
>
> Lee, I have alot of the grey and cream heath knobs but all have
> cracks which was usual after a few years. On my DX 60B I replaced
> the lower 5 knobs with the green skirted heath knobs they used on
> the watt meters and phone patches and some SB series. Looks really
> nice. If you need cracked knobs let me know.
> Don W4BWS
>
> ----- Original Message -----
> *From:* lee <mailto:pulsarxp@...>
> *To:* heathkitnovicestations@yahoogroups.com
> <mailto:heathkitnovicestations@yahoogroups.com>
> *Sent:* Monday, June 09, 2008 6:09 PM
> *Subject:* [heathkitnovicestations] Re: VFO Plastic Dial Drum
>
> I must confess, I joined this group and do not own a DX-60!!!

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> change bands.
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> The transmitter needs two (2) replacement grey small knobs.
> (One of the knobs is missing and the other one has a big crack
> in it). The VFO's plastic dial drum is cracked and shattered in
> a few places and some of the dial drum is missing. It needs to
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> drums. I don't recall who that was and if they are still
> available.
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> Does anyone on here know where I can buy a replacement dial drum
> for the VFO and does anyone on here have two grey small Heathkit
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> the transmitter? I sure would appreciate any input or help from
> the group on this.
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> will have to repaint the cabinet covers too. The front panel
> and meter are in good shape, so I think with a little work, the
> set up will look great when restored. The transmitter and VFO
> are functual right now at full power, but I will feel better
> about running the rig after the electrolytics are replaced.
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> At any rate, the VFO Dial Drum and the two knobs are my biggest
> hurdle to overcome right now. Any help would be appreciated.
>
> Lee, w0vt
> Houston
>
>

131. Twist-tab Multi-section Caps for Heathkit...now HR-10B

Yahoo group: heathkitnovicestations
Date: 2008-06-10 01:57:01 UTC
From: Tom NØJMY - AAR7FV
Topic: 131 Message: 131

Since we'll be going on vacation the last week of this month, I wanted to take a minute to mention that we're now stocking new twist-tab multi-section can capacitor re-cap kits for the HR10/B series. These are priced at $21.95 + ship.

This is in addition to the other Heathkit caps and kits that we carry: DX-60/A/B, HW-16, and SB-301.

Below is my little canned spiel:

*Brand-new can-type multi-section capacitor, not N.O.S. or a re-stuff.

*Individual can sections are temp-rated at 105C (Most OEMs were generally rated at 85C).

*Original twist-tab style mounting

*Furnished with metallic or phenolic mounting wafer where applicable.

*Most voltage ratings increased to handle today's higher a.c. line voltages.

*Terminals are identified per original, i.e. half-moon, square, etc.

*Copper terminals for easy soldering.

*New radial- and/or axial-lead capacitors are included in the complete re-cap kit.

*Desoldering braid furnished in each complete kit for your convenience.

Whew!

You can get more info on these and other can-caps plus see a pic at our web-site which is listed below. I've had a pretty good reception from the folks who've purchased these, some of whom are on this list, I think.

We'll be shipping up through June 20th and then resume no later than July 7th, hopefully sooner.

Thanks for your support,
Tom N?JMY . .
Hayseed Hamfest Co.

--
Front Panel Overlays for Ham Radio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
www.hayseedhamfest.com

132. Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Yahoo group: heathkitnovicestations
Date: 2008-06-10 02:04:25 UTC
From: lee
Topic: 73 Message: 132

I think you are correct, Tom. The knobs in question are supposed to be cream color and not grey.
Lee, w0vt

----- Original Message -----
From: Tom NØJMY - AAR7FV
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 09, 2008 8:35 PM
Subject: Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum

Lee, are you sure about the grey color? I believe any DX-60 series rigs had the cream color small knob that Rev. Don mentioned. I'm sure I've got a few extras if you strike out elsewhere.

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Tom

Front Panel Overlays for Ham Radio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
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> Don:
> Thanks for the offer. I will let you know. Hopefully I can find some
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> ask you about your cracked ones. I appreciate your help. I'll get back
> to you.
> 73, Lee, w0vt
>
>
>
> ----- Original Message -----
>
> *From:* Don W4BWS <mailto:w4bws@...>
> *To:* heathkitnovicestations@yahoogroups.com
> <mailto:heathkitnovicestations@yahoogroups.com>
> *Sent:* Monday, June 09, 2008 8:15 PM
> *Subject:* Re: [heathkitnovicestations] Re: VFO Plastic Dial Drum
>
> Lee, I have alot of the grey and cream heath knobs but all have
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> nice. If you need cracked knobs let me know.

> Don W4BWS
>
> ----- Original Message -----
> *From:* lee <mailto:pulsarxp@...>
> *To:* heathkitnovicestations@yahoogroups.com
> <mailto:heathkitnovicestations@yahoogroups.com>
> *Sent:* Monday, June 09, 2008 6:09 PM
> *Subject:* [heathkitnovicestations] Re: VFO Plastic Dial Drum
>
> I must confess, I joined this group and do not own a DX-60!!!
> However a fellow ham friend of mine is transferring ownership to
> me of a DX-60A with matching VFO. I'm going to pick the rig up
> tomorrow. The VFO has a plastic dial drum that rotates when you
> change bands.
>
> The transmitter needs two (2) replacement grey small knobs.
> (One of the knobs is missing and the other one has a big crack
> in it). The VFO's plastic dial drum is cracked and shattered in
> a few places and some of the dial drum is missing. It needs to
> be replaced. I recall someone once sold replacement dial
> drums. I don't recall who that was and if they are still
> available.
>
> Does anyone on here know where I can buy a replacement dial drum
> for the VFO and does anyone on here have two grey small Heathkit
> knobs I can buy to replace the missing one and the bad one on
> the transmitter? I sure would appreciate any input or help from
> the group on this.
>
> I have ordered new electrolytic axial capacitors from Mouser
> today and plan to recap the transmitter. More then likely I
> will have to repaint the cabinet covers too. The front panel
> and meter are in good shape, so I think with a little work, the
> set up will look great when restored. The transmitter and VFO
> are functual right now at full power, but I will feel better
> about running the rig after the electrolytics are replaced.
>
> At any rate, the VFO Dial Drum and the two knobs are my biggest
> hurdle to overcome right now. Any help would be appreciated.
>
> Lee, w0vt
> Houston
>
>

133. RE: [heathkitnovicestations] Twist-tab Multi-section Caps for Heathkit...now HR-10B

Yahoo group: heathkitnovicestations
Date: 2008-06-10 02:56:03 UTC
From: N8IE
Topic: 131 Message: 133

I have no vested interest in Tom's business. I want to say that I have used his products on several occasions and found his products and service to be first rate. Just wanted to put that out there. We all too often point out the bad dealers around the web and on e-Bay, but not enough accolades to the good guys like Tom!

73
Dan, N8IE

From: heathkitnovicestations@yahoogroups.com [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Tom NØJMY - AAR7FV
Sent: Monday, June 09, 2008 9:57 PM
To: heathkitnovicestations@yahoogroups.com
Subject: [heathkitnovicestations] Twist-tab Multi-section Caps for Heathkit...now HR-10B

Since we'll be going on vacation the last week of this month, I wanted to take a minute to mention that we're now stocking new twist-tab multi-section can capacitor re-cap kits for the HR10/B series. These are priced at $21.95 + ship.

This is in addition to the other Heathkit caps and kits that we carry: DX-60/A/B, HW-16, and SB-301.

Below is my little canned spiel:

*Brand-new can-type multi-section capacitor, not N.O.S. or a re-stuff.

*Individual can sections are temp-rated at 105C (Most OEMs were generally rated at 85C).

*Original twist-tab style mounting

*Furnished with metallic or phenolic mounting wafer where applicable.

*Most voltage ratings increased to handle today's higher a.c. line voltages.

*Terminals are identified per original, i.e. half-moon, square, etc.

*Copper terminals for easy soldering.

*New radial- and/or axial-lead capacitors are included in the complete re-cap kit.

*Desoldering braid furnished in each complete kit for your convenience.

Whew!

You can get more info on these and other can-caps plus see a pic at our web-site which is listed below. I've had a pretty good reception from the folks who've purchased these, some of whom are on this list, I think.

We'll be shipping up through June 20th and then resume no later than July 7th, hopefully sooner.

Thanks for your support,
Tom NØJMY . .
Hayseed Hamfest Co.

--
Front Panel Overlays for Ham Radio-
New Can-type Capacitors- HW-16-DX60-Drake--more.
www.hayseedhamfest.-com

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Version: 7.5.524 / Virus Database: 270.0.0/1488 - Release Date: 6/6/2008 5:48 PM

No virus found in this outgoing message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.0.0/1488 - Release Date: 6/6/2008 5:48 PM

134. Re: Twist-tab Multi-section Caps for Heathkit...now HR-10B

Yahoo group: heathkitnovicestations
Date: 2008-06-10 15:16:20 UTC
From: jfelts13
Topic: 131 Message: 134

Guys if you want to see some of Tom's work, take at look at the front panel on my Knight T-50. The panel is a overlay that Tom did for me. Go to www.freewebs.com/nr5a

Jerry - NR5A

--- In heathkitnovicestations@yahoogroups.com, "N8IE" <n8ie@...> wrote:
>
> I have no vested interest in Tom's business. I want to say that I have used
> his products on several occasions and found his products and service to be
> first rate. Just wanted to put that out there. We all too often point out
> the bad dealers around the web and on e-Bay, but not enough accolades to the
> good guys like Tom!
>
> 73
> Dan, N8IE
>
> _____
>
> From: heathkitnovicestations@yahoogroups.com
> [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Tom NØJMY -
> AAR7FV
> Sent: Monday, June 09, 2008 9:57 PM
> To: heathkitnovicestations@yahoogroups.com
> Subject: [heathkitnovicestations] Twist-tab Multi-section Caps for
> Heathkit...now HR-10B
>
>
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> are priced at $21.95 + ship.
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> This is in addition to the other Heathkit caps and kits that we carry:
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>
> Below is my little canned spiel:
>
> *Brand-new can-type multi-section capacitor, not N.O.S. or a re-
stuff.
>
> *Individual can sections are temp-rated at 105C (Most OEMs were
> generally rated at 85C).
>
> *Original twist-tab style mounting
>
> *Furnished with metallic or phenolic mounting wafer where
applicable.
>
> *Most voltage ratings increased to handle today's higher a.c. line
voltages.
>
> *Terminals are identified per original, i.e. half-moon, square, etc.
>
> *Copper terminals for easy soldering.
>
> *New radial- and/or axial-lead capacitors are included in the
complete
> re-cap kit.
>
> *Desoldering braid furnished in each complete kit for your
convenience.
>
> Whew!
>
> You can get more info on these and other can-caps plus see a pic at
our
> web-site which is listed below. I've had a pretty good reception
from
> the folks who've purchased these, some of whom are on this list, I
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> We'll be shipping up through June 20th and then resume no later
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> July 7th, hopefully sooner.
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> Thanks for your support,
> Tom NØJMY . .
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> --
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>
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> Version: 7.5.524 / Virus Database: 270.0.0/1488 - Release Date:
6/6/2008
> 5:48 PM
>

135. Need some info on SB-303...

Yahoo group: heathkitnovicestations
Date: 2008-06-10 15:54:28 UTC
From: Tom NØJMY - AAR7FV
Topic: 135 Message: 135

I know I've got an SB-303 manual around here but I'll be daggoned if I can find it.

Can anybody out there e-mail me a list of the electrolytic caps in this rig? I need the capacitance and voltage if possible, the quantity of each, and whether they are axial or radial.

I have a fellow ham friend who is in need, but for once BAMA doesn't have the manual. Unless I just can't find it.

Many thanks in advance.

73,
Tom

--
Front Panel Overlays for Ham Radio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
www.hayseedhamfest.com

136. No longer need some info on SB-303...

Yahoo group: heathkitnovicestations
Date: 2008-06-10 19:38:32 UTC
From: Tom NØJMY - AAR7FV
Topic: 135 Message: 136

Many thanks to everybody who helped. Now we can get Gordon fixed up and another "Flying Pig" will be airborne!

Vy 73 to all,
Tom

Front Panel Overlays for Ham Radio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
www.hayseedhamfest.com

Tom N?JMY - AAR7FV wrote:
>
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> rig? I need the capacitance and voltage if possible, the quantity of
> each, and whether they are axial or radial.
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> I have a fellow ham friend who is in need, but for once BAMA doesn't
> have the manual. Unless I just can't find it.
>
> Many thanks in advance.
>
> 73,
> Tom
>
> --
> Front Panel Overlays for Ham Radio-
> New Can-type Capacitors- HW-16-DX60-Drake-more.
> www.hayseedhamfest.com
>
>

137. Re: [heathkitnovicestations] No longer need some info on SB-303...

Yahoo group: heathkitnovicestations
Date: 2008-06-10 22:56:39 UTC
From: Bry Carling
Topic: 135 Message: 137

What frequencies are the guys in the Flying Pigs QRP club
using these days?
They used to be on 7044 kHz a lot....

73 to all - Bry, AF4K

> Many thanks to everybody who helped. Now we can get Gordon fixed up and
> another "Flying Pig" will be airborne!
>
> Vy 73 to all,
> Tom

138. Re: DX-60, DX-60A, DX-60B

Yahoo group: heathkitnovicestations
Date: 2008-06-11 05:32:44 UTC
From: lee
Topic: 138 Message: 138

Well I am now knee deep in restoring a DX-60A and a DX-60B. I have been reading a lot about these transmitters on the internet. I did not receive any manuals with the transmitters but was able to download a "B" manual off of BAMA. I have resolved some issues but most all are not of my origin. I found lots of help on the internet

There still is a mystery if the three good knobs on my A model are correct. (One is missing and one is broke). The remaining three good small lower knobs are GREY and not Ivory/Beige. I don't know if this is correct. If anyone on here has an "A" model, I sure would like to find out what color small knobs are on your transmitter.

My power cord is in bad shape on both transmitters and I am thinking it is maybe time to replace both of them with modern three prong power cords.

I ordered a new plastic "drum" dial scale for the HG-10 VFO from KE4MG. The old one was smashed.

I ordered new electrolytic kits from Tom, n0jmy (Hayseed Hamfest Co).

I am nervous about the goofey glass circuit breaker installed in each transmitter to take the place of a real fuse. I'd much rather see a fuse in the circuit.

For those that do not know, Heath screwed with the power supplies during production of the three variants. The DX-60 and the DX-60B had a good filtered power supply. (It could have been better with a choke installed but it was still a relatively good design). However, they cheated when they came out with the "A" model and put less electrolytics in the power supply. The "A" model has only one bank.. The DX-60 and DX-60B have a dual bank of electrolytics. Heathkit came up with a remidy BULLETIN that essentually restored the power supply to the DX-60 design. Then when they came out with the DX-60B they learned thei lesson and kept the better design within that model. I'll put in the DX-60/DX-60B filter system in the "A" model.

There has been a warning about the sparking that occurs when you switch the B+ ON thru the rotary switch. Since the switch would be hard to replace. It would be a good idea to use an "Ice Cube" relay under the chassis and have the rotary switch energize the relay coil and then have the relay, swtch the B+ on and off. I am pritty sure I will do this to preserve the rotary switch.

Push to talk is not really in my plans as I plan to use the radio on CW and maybe a little low power AM.

One of the radios has a cobbled SO-239 connector mounted on the back of the low pass filter box. I need to take the filter box off and install a SO-239 connector correctly. (The hole is too large for another RCA antenna jack as original).

I might "play" with the speech amp caps and shape the audio. Maybe not.

Lee, w0vt
Houston, TX

139. Re: [SPAM] [heathkitnovicestations] Re: DX-60, DX-60A, DX-60B

Yahoo group: heathkitnovicestations
Date: 2008-06-11 05:50:25 UTC
From: Paul Beckwith
Topic: 138 Message: 139

Nice write-up, Lee. Keep us posted.

73's de Paul K2LMQ Kingman, AZ.

At 10:32 PM 6/10/2008, lee wrote:

>Well I am now knee deep in restoring a DX-60A and a DX-60B. I have
>been reading a lot about these transmitters on the internet. I did
>not receive any manuals with the transmitters but was able to
>download a "B" manual off of BAMA. I have resolved some issues but
>most all are not of my origin. I found lots of help on the internet
>
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>correct. (One is missing and one is broke). The remaining three
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>
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>
>I ordered a new plastic "drum" dial scale for the HG-10 VFO from
>KE4MG. The old one was smashed.
>
>I ordered new electrolytic kits from Tom, n0jmy (Hayseed Hamfest Co).
>
>I am nervous about the goofey glass circuit breaker installed in
>each transmitter to take the place of a real fuse. I'd much rather
>see a fuse in the circuit.
>
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>during production of the three variants. The DX-60 and the DX-60B
>had a good filtered power supply. (It could have been better with a
>choke installed but it was still a relatively good
>design). However, they cheated when they came out with the "A"
>model and put less electrolytics in the power supply. The "A" model
>has only one bank.. The DX-60 and DX-60B have a dual bank of
>electrolytics. Heathkit came up with a remidy BULLETIN that
>essentually restored the power supply to the DX-60 design. Then
>when they came out with the DX-60B they learned thei lesson and kept
>the better design within that model. I'll put in the DX-60/DX-60B
>filter system in the "A" model.
>
>There has been a warning about the sparking that occurs when you
>switch the B+ ON thru the rotary switch. Since the switch would be
>hard to replace. It would be a good idea to use an "Ice Cube" relay

>under the chassis and have the rotary switch energize the relay coil
>and then have the relay, swtch the B+ on and off. I am pritty
>sure I will do this to preserve the rotary switch.
>
>Push to talk is not really in my plans as I plan to use the radio on
>CW and maybe a little low power AM.
>
>One of the radios has a cobbled SO-239 connector mounted on the back
>of the low pass filter box. I need to take the filter box off and
>install a SO-239 connector correctly. (The hole is too large for
>another RCA antenna jack as original).
>
>I might "play" with the speech amp caps and shape the audio. Maybe not.
>
>Lee, w0vt
>Houston, TX

140. Re: [heathkitnovicestations] Re: DX-60, DX-60A, DX-60B

Yahoo group: heathkitnovicestations
Date: 2008-06-11 20:19:34 UTC
From: lee
Topic: 138 Message: 140

Well today I thought I would start checking all the resistors in my DX-60A. I hardly started when it became evident that ALL the resistors are out of tolerance. Some look great and others look like they got hot, but everyone I checked was out of tolerance, so I stopped checking. I need to replace all the resistors. I thin I'll use 2 watt jobs in 1 watt slots and 3 watt resistors in 2 watt slots. I also started to see the "A" model has wiring differences to my "B" schematic. Also some of the resistor values do not agree with the "B" schematic. So, I just ordered an "A" manual from Vontage Manual, Inc (W7FG). I like the quality of his manuals. I downloaded a FREE "B" manual from BAMA but could find no FREE "A" manual on line.

My audio chain was "worked on" and many of the caps have been changed in here. Since I am planning on putting in all new resistors, I'll strip the audio area down to connecting points and then rewire in all new caps and resistors. The finished job will go quicker, look better and I'll be assured the area is wired properly too.

All in all, this project is GROWING but the finished product will have been done correclty.

Lee, w0vt
Houston, Tx

141. Re: [heathkitnovicestations] Re: DX-60, DX-60A, DX-60B

Yahoo group: heathkitnovicestations
Date: 2008-06-12 00:10:55 UTC
From: N2EY@aol.com
Topic: 138 Message: 141

In a message dated 6/11/08 4:20:37 PM Eastern Daylight Time,
pulsarxp@... writes:

> I thin I'll use 2 watt jobs in 1 watt slots and 3 watt resistors in 2 watt
> slots.

Be careful about replacing carbons with wirewounds!

73 de Jim, N2EY

****
Vote for your city's best dining and nightlife.
City's Best 2008.
(http://citysbest.aol.com?ncid=aolacg00050000000102)

142. Re: [heathkitnovicestations] Re: DX-60, DX-60A, DX-60B

Yahoo group: heathkitnovicestations
Date: 2008-06-12 02:38:20 UTC
From: Bry Carling
Topic: 138 Message: 142

Lee, it's easy to put a proper fuse in there...

Add a 3-wire AC cable for your safety while you are at it,
that is if it doesn't already have one.

> I am nervous about the goofey glass circuit breaker installed in each transmitter to take the place of a real fuse. I'd much rather see a fuse in the circuit.
>

143. Re: [heathkitnovicestations] Re: DX-60, DX-60A, DX-60B

Yahoo group: heathkitnovicestations
Date: 2008-06-12 04:02:08 UTC
From: lee
Topic: 138 Message: 143

Sure will. I know a fuse will trip before a circuit breaker will if it trips at all.
Thanks.
Lee, w0vt

----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, June 11, 2008 9:38 PM
Subject: Re: [heathkitnovicestations] Re: DX-60, DX-60A, DX-60B

Lee, it's easy to put a proper fuse in there...

Add a 3-wire AC cable for your safety while you are at it,
that is if it doesn't already have one.

> I am nervous about the goofey glass circuit breaker installed in each transmitter to take the place of a real fuse. I'd much rather see a fuse in the circuit.
>

144. Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 02:45:25 UTC
From: Bob Macklin
Topic: 144 Message: 144

Here is a nice looking Heath AR-2:

http://cgi.ebay.com/Heathkit-AR-2-Receiver-Nice-But-Needs-Work-Original-NR_W0QQitemZ220244913531QQihZ012QQcategoryZ4673QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

I might even be tempted to bid on this one.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

145. Heath GR-54 UNBUILT!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 03:26:20 UTC
From: Bob Macklin
Topic: 145 Message: 145

Here is an UNBUILT Heath GR-54. This is the General Coverage version of the HR-10.

http://cgi.ebay.com/Unbuilt-NOS-Heathkit-GR-54-SW-Receiver-GRA-72-Antenna_W0QQitemZ120270957905QQihZ002QQcategoryZ4673QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

146. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 04:32:52 UTC
From: JAMES HANLON
Topic: 144 Message: 146

Bob,

It certainly looks like a little work would put that AR-2 back into "good" shape. Don't expect too much from the AR-2, and you won't be disappointed. Chuck Penson says of the AR-2, "Advertised briefly as the 'perfect companion' for the AT-1 novice transmitter, the AR-2's poor selectivity and stability would have made it a dismal choice for that purpose. ... Overall, the AR-1 and AR-2 worked about as well as any receiver of the genre." (Other receivers of the genre would have included the S-38 and the SW-54.) I have an AR-2 that I restored, and I would have to agree that it would have been useful for a few QSO's on the 80 meter novice band sometime in the afternoon when the band occupancy was relatively light, but it sure wouldn't have cut the QRM at night. Also, a Q-multiplier would be a very helpful addition.

Have fun!

Jim, W8KGI

Here is a nice looking Heath AR-2:

http://cgi.ebay.com/Heathkit-AR-2-Receiver-Nice-But-Needs-Work-Original-NR_W0QQitemZ220244913531QQihZ012QQcategoryZ4673QQssPageNameZWDVWQQrdZ1QQcmdZViewItem<http://cgi.ebay.com/Heathkit-AR-2-Receiver-Nice-But-Needs-Work-Original-NR_W0QQitemZ220244913531QQihZ012QQcategoryZ4673QQssPageNameZWDVWQQrdZ1QQcmdZViewItem>

I might even be tempted to bid on this one.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

Messages in this topic <http://groups.yahoo.com/group/heathkitnovicestations/message/144;_ylc=X3oDMTMzcDY4b204BF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxNDQEc2VjA2Z0cgRzbGsDdnRwYwRzdGltZQMxMjEzMzI1MTYzBHRwY0lkAzE0NA-->(1) Reply (via web post) <http://groups.yahoo.com/group/heathkitnovicestations/post;_ylc=X3oDMTJwbXFxZWRtBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxNDQEc2VjA2Z0cgRzbGsDcnBseQRzdGltZQMxMjEzMzI1MTYz?act=reply&messageNum=144>| Start a new topic <http://groups.yahoo.com/group/heathkitnovicestations/post;_ylc=X3oDMTJmMmJ0aWgwBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEyMTMzMjUxNjM-> Messages<http://groups.yahoo.com/group/heathkitnovicestations/messages;_ylc=X3oDMTJmcWk1ZXVhBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNtc2dzBHN0aW1lAzEyMTMzMjUxNjM-> | Files<http://groups.yahoo.com/group/heathkitnovicestations/files;_ylc=X3oDMTJnN2lyNmhhBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNmaWxlcwRzdGltZQMxMjEzMzI1MTYz> | Photos<http://groups.yahoo.com/group/heathkitnovicestations/photos;_ylc=X3oDMTJmY25tbXZnBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNwaG90BHN0aW1lAzEyMTMzMjUxNjM-> | Links<http://groups.yahoo.com/group/heathkitnovicestations/links;_ylc=X3oDMTJnbW01Nmc4BF9TAzk3MzU5NzE0BGdycElkAzIyMjg4

NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNsaW5rcwRzdGltZQMxMjEzMzI1MTYz> | Database<http://groups.yahoo.com/group/heathkitnovicestations/database;_ylc=X3oDMTJkMzM2c2F2BF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNkYgRzdGltZQMxMjEzMzI1MTYz> | Polls<http://groups.yahoo.com/group/heathkitnovicestations/polls;_ylc=X3oDMTJnZWYzOGJnBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNwb2xscwRzdGltZQMxMjEzMzI1MTYz> | Members<http://groups.yahoo.com/group/heathkitnovicestations/members;_ylc=X3oDMTJmb2psMGN0BF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNtYnJzBHN0aW1lAzEyMTMzMjUxNjM-> | Calendar<http://groups.yahoo.com/group/heathkitnovicestations/calendar;_ylc=X3oDMTJlMWo5dXF0BF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNjYWwEc3RpbWUDMTIxMzMyNTE2Mw-->

MARKETPLACE

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147. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 04:45:12 UTC
From: Bob Macklin
Topic: 144 Message: 147

I've got more time than money! In some respects retirement SUCKS!

But I am a sucker for old Heath gear. I could not afford it in the late 50'a and early 60's. By the time I was making good money everything was solid state. And I am not impressed with Heath's solid state test equipment.

They did not do much in solid state radios either!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 12, 2008 9:32 PM
Subject: Re: [heathkitnovicestations] Heath AR-2!

Bob,

It certainly looks like a little work would put that AR-2 back into "good" shape. Don't expect too much from the AR-2, and you won't be disappointed. Chuck Penson says of the AR-2, "Advertised briefly as the 'perfect companion' for the AT-1 novice transmitter, the AR-2's poor selectivity and stability would have made it a dismal choice for that purpose. ... Overall, the AR-1 and AR-2 worked about as well as any receiver of the genre." (Other receivers of the genre would have included the S-38 and the SW-54.) I have an AR-2 that I restored, and I would have to agree that it would have been useful for a few QSO's on the 80 meter novice band sometime in the afternoon when the band occupancy was relatively light, but it sure wouldn't have cut the QRM at night. Also, a Q-multiplier would be a very helpful addition.

Have fun!

Jim, W8KGI

Here is a nice looking Heath AR-2:

http://cgi.ebay.com/Heathkit-AR-2-Receiver-Nice-But-Needs-Work-Original-NR_W0QQitemZ220244913531QQihZ012QQcategoryZ4673QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

I might even be tempted to bid on this one.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

148. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 05:07:17 UTC
From: Jon M. Schumacher
Topic: 144 Message: 148

I picked up an AR-2 earlier this year and made the usual capacitor replacements and alignment. If I had been a new Novice licensee in the early 50's, I probably would have given up radio and started collecting stamps if I had to actually use it for communications.

As it was, I started with an S-38 (with real BFO) and could only use it successfully on 80 meters in the afternoons as you so aptly stated. Things improved when I traded the S-38 for an S-85 with actual bandspread.

Jon, K1NV

149. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 06:09:01 UTC
From: lee
Topic: 144 Message: 149

Jon, the S-38 series did have electronic bandspread. It was not calibrated however. (0-100). For $50.00, this was one hell of a fine receiver! The low end national NC-53 had a gear arrangement for fine tuning which was a geared down main tuning dial capacitor. It did not work as well as the S-38 series second bandspread capacitor. As a kid I worked all bands with a S-38C. I used it daily on even 10 meters. In fact I had a schedule every weekend on 10 meters with a guy in Rhodesha using it. We worked AM and played checkers everytime we met. I worked WAS on 40 and 80 with it. This certainly was not the best performing receiver but it did work. I am always amazed at those that say it was only good for 80 meters. That was not my experience. As I said, I used mine on all bands and worked 100s of stations and close to 100 countries with it. Later I upgraded to a SX-96, and of course it worked much better. But for $49.95 the old S-38C copied many a station adequately for me. It was a marvel for the money and a true engineering masterpiece for the $50.00 market. The look was supurb and a classic. The cabinet was designed by the famous Raymond Lowey. He was the one who also designed the Studebaker AVANTI motor car among many other things such as a Diesel train locomotive. I'm not sure which one anymore, but I think it was the SHARK. (Fairbanks- Morse)
Lee, w0vt

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----- Original Message -----
From: Jon M. Schumacher
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 13, 2008 12:07 AM
Subject: Re: [heathkitnovicestations] Heath AR-2!

I picked up an AR-2 earlier this year and made the usual capacitor replacements and alignment. If I had been a new Novice licensee in the early 50's, I probably would have given up radio and started collecting stamps if I had to actually use it for communications.

As it was, I started with an S-38 (with real BFO) and could only use it successfully on 80 meters in the afternoons as you so aptly stated. Things improved when I traded the S-38 for an S-85 with actual bandspread.

Jon, K1NV

150. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 08:54:56 UTC
From: Rodger
Topic: 144 Message: 150

The S-38 does show that when you build the classic "All American 5" circuit with decent layout and components you can end up with OK performance. I picked up my first S-38 (the original model with separate BFO tube) several years ago for $10 and after the usual recapping and realignment I made a couple of CW contacts using it paired with an HT-19; I thought they made the perfect unsafe pair since the S-38 is AC/DC and the HT-19 as sold brings the plate (1500 volts) and screen voltage (400) to binding terminals on the back so that an external modulator could be added for AM since it was CW and NBFM only. I wouldn't want to use the S-38 as my main station receiver anymore however!

My novice receiver for the first week was an SX-62 which was a lot fancier than an S-38 but the entire 40 meter novice band covered about 1/8 inch of dial space and could be covered in 10 to 15 degrees of knob rotation. The SX-62 includes a decent crystal filter but the tuning is so fast and there is so much backlash that it is impractical to use. A local ham loaned me an SX-101 for the remainder of my novice term and that coupled with the Valiant throttled back to 75 watts made a nice station; recreating this setup is what got me started with vintage gear. Currently I have an SX-88 on the bench under restoration and that would have made a great novice receiver back in 1975!

73, Rodger WQ9E

lee wrote:

Jon, the S-38 series did have electronic bandspread. It was not calibrated however. (0-100). For $50.00, this was one hell of a fine receiver! The low end national NC-53 had a gear arrangement for fine tuning which was a geared down main tuning dial capacitor. It did not work as well as the S-38 series second bandspread capacitor. As a kid I worked all bands with a S-38C. I used it daily on even 10 meters. In fact I had a schedule every weekend on 10 meters with a guy in Rhodesha using it. We worked AM and played checkers everytime we met. I worked WAS on 40 and 80 with it. This certainly was not the best performing receiver but it did work. I am always amazed at those that say it was only good for 80 meters. That was not my experience. As I said, I used mine on all bands and worked 100s of stations and close to 100 countries with it. Later I upgraded to a SX-96, and of course it worked much better. But for $49.95 the old S-38C copied many a station adequately for me. It was a marvel for the money and a true engineering masterpiece for the $50.00 market. The look was supurb and a classic. The cabinet was designed by the famous Raymond Lowey. He was the one who also designed the Studebaker AVANTI motor car among many other things such as a Diesel train locomotive. I'm not sure which one anymore, but I think it was the SHARK. (Fairbanks- Morse)

Lee, w0vt

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151. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 09:52:49 UTC
From: N2EY@aol.com
Topic: 144 Message: 151

In a message dated 6/13/08 2:10:43 AM Eastern Daylight Time,
pulsarxp@... writes:

> The cabinet was designed by the famous Raymond Lowey. He was the one who
> also designed the Studebaker AVANTI motor car among many other things such as
> a Diesel train locomotive. I'm not sure which one anymore, but I think it
> was the SHARK. (Fairbanks- Morse)

It would be more accurate IMHO to say that Loewy *styled* those things. The
design was done by engineers but the style was his.

The diesel-electric locomotive you refer to was/is the Baldwin DR-4-4-15. It
was actually made in two completely different body styles, the "sharknose"
style was Loewy's.

For an example of how much difference his changes could have, look at the
Pennsylvania Railroad's GG-1 (pictures are all over the web). The prototype,
number 4800, was the original body design, and looks rather quaint and
utlilitarian. Loewy's changes were incorporated in all the production models. See the
difference for yourself.

But the styling didn't make them work any better.

I had an AR-2. It was a decent receiver for what it was: a
transformer-powered AA-5 with BFO and shortwave bands. Yet it sold for considerably less
than an
S-38.

Neither rx can hold a candle to an ARC-5.

73 de Jim, N2EY

****
Vote for your city's best dining and nightlife.
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(http://citysbest.aol.com?ncid=aolacg00050000000102)

152. Re: [heathkitnovicestations] HR-10B IF TRANSFORMER WANTED

Yahoo group: heathkitnovicestations
Date: 2008-06-13 16:16:31 UTC
From: Norm Burnett
Topic: 104 Message: 152

Hi Bob ,

Wanted to thank you for the help on the IF transfprmer. I made contact with John K5SEE And received one that I think will work fine. Great sight.

Norm K8ZJC .

--- On Sun, 6/1/08, Bob Macklin <macklinbob@...> wrote:

From: Bob Macklin <macklinbob@...>
Subject: Re: [heathkitnovicestations] HR-10B IF TRANSFORMER WANTED
To: heathkitnovicestations@yahoogroups.com
Date: Sunday, June 1, 2008, 5:40 PM

There are 3 tall IF transformers and a short BFO coil in the HR-10.

The IF transformer that Norm is looking for is the one nearest the 100KC calibrator. It is near the right rear side of the chassis. It has 2 leads connected to the crystal filter.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: john@...
To: heathkitnovicestati ons@yahoogroups. com
Sent: Sunday, June 01, 2008 10:34 AM
Subject: Re: [heathkitnovicestat ions] HR-10B IF TRANSFORMER WANTED

I have an HR-10B that is good for parts, and will help you out. Please describe the part you need in a little more detail as sometimes the part number may change depending on the revision number of the radio construction manual. Not sure about "input IF transformer" nomenclature.

tnx es 73 de John, K5SEE

-----Original Message-----
From: k8zjc <k8zjc@yahoo. com>
To: heathkitnovicestati ons@yahoogroups. com
Sent: Sun, 1 Jun 2008 11:52 am
Subject: [heathkitnovicestat ions] HR-10B IF TRANSFORMER WANTED

LOOKING FOR HEATHKIT HR-10B IF TRANSFORMER
I am looking for a Input IF transformer Part# 52-50 (488332)to complete
my Hr-10B rebuild. Any around? Regards, Norm...

Sent from a personalized AOL(R) My eAddress. Create your own FREE email address from scratch, not just the part before the @.

153. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 16:19:23 UTC
From: jeremy-ca
Topic: 144 Message: 153

That must have been during the late 50's sunspot peak when it didnt take much of a receiver. 1959 still holds the sunspot record.

I started with a 4 tube AC regen, then ARC-5's and a very dissapointing SX-25 and finally a HQ-129X between 1955-56. I worked WAC on 15M with 15W and a folded dipole up 15' in 1957. By 58 I was having daily DX contacts with ZS on 10M AM mobile with signals against the pin.

BTW, the Loewy Studebaker was the 1953 Starlite coupe. The Avanti was designed by committee reporting to Loewy.

Carl
KM1H

----- Original Message -----
From: lee
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 13, 2008 2:09 AM
Subject: Re: [heathkitnovicestations] Heath AR-2!

Jon, the S-38 series did have electronic bandspread. It was not calibrated however. (0-100). For $50.00, this was one hell of a fine receiver! The low end national NC-53 had a gear arrangement for fine tuning which was a geared down main tuning dial capacitor. It did not work as well as the S-38 series second bandspread capacitor. As a kid I worked all bands with a S-38C. I used it daily on even 10 meters. In fact I had a schedule every weekend on 10 meters with a guy in Rhodesha using it. We worked AM and played checkers everytime we met. I worked WAS on 40 and 80 with it. This certainly was not the best performing receiver but it did work. I am always amazed at those that say it was only good for 80 meters. That was not my experience. As I said, I used mine on all bands and worked 100s of stations and close to 100 countries with it. Later I upgraded to a SX-96, and of course it worked much better. But for $49.95 the old S-38C copied many a station adequately for me. It was a marvel for the money and a true engineering masterpiece for the $50.00 market. The look was supurb and a classic. The cabinet was designed by the famous Raymond Lowey. He was the one who also designed the Studebaker AVANTI motor car among many other things such as a Diesel train locomotive. I'm not sure which one anymore, but I think it was the SHARK. (Fairbanks- Morse)
Lee, w0vt

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----- Original Message -----
From: Jon M. Schumacher
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 13, 2008 12:07 AM
Subject: Re: [heathkitnovicestations] Heath AR-2!

I picked up an AR-2 earlier this year and made the usual capacitor replacements and alignment. If I had been a new Novice licensee in the early 50's, I probably would have given up radio and started collecting stamps if I had to actually use it for

communications.

As it was, I started with an S-38 (with real BFO) and could only use it successfully on 80 meters in the afternoons as you so aptly stated. Things improved when I traded the S-38 for an S-85 with actual bandspread.

Jon, K1NV

154. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 16:27:25 UTC
From: Bob Macklin
Topic: 144 Message: 154

Loewy was also responsible for the streamlined J-3 Hudsons used in the NYC Empire State Express.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: jeremy-ca
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 13, 2008 9:19 AM
Subject: Re: [heathkitnovicestations] Heath AR-2!

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BTW, the Loewy Studebaker was the 1953 Starlite coupe. The Avanti was designed by committee reporting to Loewy.

Carl
KM1H

----- Original Message -----
From: lee
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 13, 2008 2:09 AM
Subject: Re: [heathkitnovicestations] Heath AR-2!

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was the SHARK. (Fairbanks- Morse)
Lee, w0vt

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----- Original Message -----
From: Jon M. Schumacher
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 13, 2008 12:07 AM
Subject: Re: [heathkitnovicestations] Heath AR-2!

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Jon, K1NV

155. Lee Bahr

Yahoo group: heathkitnovicestations
Date: 2008-06-13 17:25:54 UTC
From: Tom NØJMY - AAR7FV
Topic: 138 Message: 155

Please pardon my personal use of the bandwidth.

Lee, my e-mails to you are bouncing; yours are coming through here fine.
We have an open route through to the Des Moines USPS distribution center
and your kit should be arriving with as little delay as possible.

The infrastructure around here is not good, most transportation routes
are largely blocked or destroyed. Fortunately, the internet and cable
are still plugging away and Hayseed is dry and safe at the moment.

Thanks for the bandwidth.

73,
Tom

Front Panel Overlays for Ham Radio-
New Can-type Capacitors- HW-16-DX60-Drake-more.
www.hayseedhamfest.com

156. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 17:44:33 UTC
From: JAMES HANLON
Topic: 144 Message: 156

I did a survey of my novice QSL cards, 63 cards from March through December of 1952, for an ER article at one time (ER # 100, August 1997). The most popular receiver of that era was the S38 family with 8 representatives, then the S40 series with 7 plus two more pre-war S20R's, six HQ-129X's, five BC454 Command Sets, 4 BC348's, 2 National SW54's, and 2 NC100's. I estimated that 45% of the receivers being used by novices in 1952 cost their owners $60 or less and 85% cost $160 or less. Two receivers were home brewed.

For the transmitters in this pre AT-1 era, 2/3 were home brewed, and 12% were Command Sets, leaving only 22% as commercially made units. Of these, 40% were purchased as kits, Eldico TR-75's and Viking I's. I estimated that 6% of the novice transmitters cost their owners less than $10, and 85% cost less than $50. The higher priced rigs were six Harvey Wells Bandmasters which allowed their Novice owners to work 2 meter phone, one homebrewed 813 rig, and two Viking I's.

Putting the least expensive receiver and transmitter alternatives together, a 1952 Novice could acquire a Command Set receiver and transmitter pair for $9, free power supplies from junk broadcast receivers, an antenna for $2, a J-38 key for $1, a surplus crystal for $1, surplus phones for around $3, and miscellaneous parts that couldn't be stripped from junk radios for $4 on the outside. This adds up to a very adequate 80 meter CW station that would run around 50 watts for twenty 1952 dollars. An enterprising 8th grader as I was at the time could put aside that much in a couple of weeks of grass cutting or snow shoveling.

Those were good days!

And then came the AT-1 in the fall of 1952 and things really took off!

Jim, W8KGI

157. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 18:01:09 UTC
From: Bob Macklin
Topic: 144 Message: 157

When I got my Novice ticket in 1957 I was a S/SGT in the USAF. My pay was $310/mo and I was married. We lived in base and my duplex unit cost me $67/mo. I had no money to spend on hobbies at this time.

A M/SGT gave me a S-38 (original) that had been disassembled) But it was complete. I put it back together and got it working.

My first Tx was a 6AG7/807 MOPA from an early 50's handbook. The parts came from the MARS Shack and I made the chassis in the Wing sheet metal shop.

Second Rx was a BC-312 or BC-342 I got through MARS.

The first ham radio purchases I made was for a set of Greenlee punches. That's all I have left from that period.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 13, 2008 10:44 AM
Subject: Re: [heathkitnovicestations] Heath AR-2!

I did a survey of my novice QSL cards, 63 cards from March through December of 1952, for an ER article at one time (ER # 100, August 1997). The most popular receiver of that era was the S38 family with 8 representatives, then the S40 series with 7 plus two more pre-war S20R's, six HQ-129X's, five BC454 Command Sets, 4 BC348's, 2 National SW54's, and 2 NC100's. I estimated that 45% of the receivers being used by novices in 1952 cost their owners $60 or less and 85% cost $160 or less. Two receivers were home brewed.

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Those were good days!

And then came the AT-1 in the fall of 1952 and things really took off!

Jim, W8KGI

158. Re: [heathkitnovicestations] Heath AR-2!

Yahoo group: heathkitnovicestations
Date: 2008-06-13 18:09:58 UTC
From: JAMES HANLON
Topic: 144 Message: 158

Personally I was very lucky as a novice. My older brother was also interested in ham radio, and he talked our Dad into buying us an HRO-50 in the summer of 1950. I still have that radio front-and-center in my shack as well as my key and headphones. Thanks to the HRO and to Dad I finally got three degrees in Electrical Engineering and had a good career. My transmitter was a home-brewed 6AG7 tri-tet crystal oscillator driving one of those new-fangled 6146's. It was built into a TU-5B tuning unit from a BC-375. I worked mostly 80 meters but also got on 11 and worked a KH6 and a KL7 from my northern Kentucky QTH.

Jim Hanlon, W8KGI

159. Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 08:58:56 UTC
From: lee
Topic: 138 Message: 159

I am restoring a DX-60A and a DX-60B and noticed the differences in both units power supply. I had downloaded a free DX-60B manual but had no "A" manual. (My two transmitters came with no manual). I bit the bullet and ordered a reprint manual from Vintage Manuals for my "A" transmitter. It containted two different schematics for the "A" model. The second later schematic indeed did have a power supply which was the same as the "B" model. However, the first earlier schematic showed one less 40 mfd @ 450 volt axial capacitor in the power supply. (The earlier DX-60 also had the extra cap as in the "B" model). Heath for sure finally understood they could not get away with one less electrolytic in the power supply and added it back in later "A" units. Of course it was still in there when the "B" model emerged. The early "A" units also were missing two 100,000 ohm 2 watt bleeder resistors strapped accross the first bank of capacitors which was made up of one half of the can electrolytic and one 40 mfd axial lead electrolytic in series. This bank of caps was seperated from an identical cap bank by a 100 ohm 7 watt resistor. (The bleeder resistors were accross the first bank closest to the transformer and diodes). Heath had HUM problems on AM with the arrangement with one less filter cap in the circuit.

The bottom line to all this is: If you have an "A" model, change the power supply over to the "B" power supply unless you were lucky and had a later model "A" unit. Also, if you don't have a "B" manual, you can download a free copy on BAMA. BAMA only has the "B" model on their web site.

I just received my "Hayseed" new can electrolytics and they look great. They certainly will add to the appearance of my restoration. I'm glad I got them and did not take the cheap route by putting in all axial lead caps under the chassis in my restoration.

I still plan on adding a 6 volt AC "ice cube" relay under the chassis to remove the B+ switching on the transmitter's rotary switch.

Lee, w0vt

160. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 13:41:03 UTC
From: Bob Macklin
Topic: 138 Message: 160

Do you realize the only HV switching in the DX-60 is for the screen grid of the 6146?

The Mode switch selects between OFF, the modulator. and low B+ for CW.

I have heard about the problem with this switch but I really don't see it.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: lee
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 15, 2008 1:58 AM
Subject: [heathkitnovicestations] Re: DX-60A Power Supply

I am restoring a DX-60A and a DX-60B and noticed the differences in both units power supply. I had downloaded a free DX-60B manual but had no "A" manual. (My two transmitters came with no manual). I bit the bullet and ordered a reprint manual from Vintage Manuals for my "A" transmitter. It containted two different schematics for the "A" model. The second later schematic indeed did have a power supply which was the same as the "B" model. However, the first earlier schematic showed one less 40 mfd @ 450 volt axial capacitor in the power supply. (The earlier DX-60 also had the extra cap as in the "B" model). Heath for sure finally understood they could not get away with one less electrolytic in the power supply and added it back in later "A" units. Of course it was still in there when the "B" model emerged. The early "A" units also were missing two 100,000 ohm 2 watt bleeder resistors strapped accross the first bank of capacitors which was made up of one half of the can electrolytic and one 40 mfd axial lead electrolytic in series. This bank of caps was seperated from an identical cap bank by a 100 ohm 7 watt resistor. (The bleeder resistors were accross the first bank closest to the transformer and diodes). Heath had HUM problems on AM with the arrangement with one less filter cap in the circuit.

The bottom line to all this is: If you have an "A" model, change the power supply over to the "B" power supply unless you were lucky and had a later model "A" unit. Also, if you don't have a "B" manual, you can download a free copy on BAMA. BAMA only has the "B" model on their web site.

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I still plan on adding a 6 volt AC "ice cube" relay under the chassis to remove the B+ switching on the transmitter's rotary switch.

Lee, w0vt

161. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 15:30:37 UTC
From: Glen Zook
Topic: 138 Message: 161

If you use your transmitter very often you will see the switch problem! It was the same on the DX-35 and DX-40.

Glen, K9STH

Website: http://k9sth.com

--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote:
Do you realize the only HV switching in the DX-60 is for the screen grid of the 6146?

The Mode switch selects between OFF, the modulator. and low B+ for CW.

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162. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 15:57:18 UTC
From: Bob Macklin
Topic: 138 Message: 162

Glen,

Is there any documentation on this DX-60 mod.

There are 3 positions for the 6146 screen:
1. OFF
2. Modulator
3. Low B+

I don't see this as a simple single relay mod. I see it as a TWO relay solution.

And what kind of relays? I don't like 6.3VAC relays.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 15, 2008 8:30 AM
Subject: Re: [heathkitnovicestations] Re: DX-60A Power Supply

If you use your transmitter very often you will see the switch problem! It was the same on the DX-35 and DX-40.

Glen, K9STH

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--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote:

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I have heard about the problem with this switch but I really don't see it

163. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 16:24:53 UTC
From: Glen Zook
Topic: 138 Message: 163

I have seen it done with a relay that still runs the voltage through the switch. However, the switching is done with the relay not activated (therefore no B+ applied) and therefore there is no arcing. It is the arcing that causes the problems and not the fact that the voltage goes through the switch.

You can use a 120 VAC relay that is activated by the antenna relay function.

Glen, K9STH

Website: http://k9sth.com

--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote:
Glen,

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I don't see this as a simple single relay mod. I see it as
a TWO relay solution.

And what kind of relays? I don't like 6.3VAC
relays.

164. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 16:31:16 UTC
From: Bob Macklin
Topic: 138 Message: 164

Glen,

My DX-60 has a 10K resistor between the Low B+ and pin 1 of the mode switch..

It also has a parallel R/C between the modulator and pin 2 of the mode switch.

I assume this is different mod to correct the same problem.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 15, 2008 9:24 AM
Subject: Re: [heathkitnovicestations] Re: DX-60A Power Supply

I have seen it done with a relay that still runs the voltage through the switch. However, the switching is done with the relay not activated (therefore no B+ applied) and therefore there is no arcing. It is the arcing that causes the problems and not the fact that the voltage goes through the switch.

You can use a 120 VAC relay that is activated by the antenna relay function.

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--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote:

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1. OFF
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I don't see this as a simple single relay mod. I see it as a TWO relay solution.

And what kind of relays? I don't like 6.3VAC relays.

165. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 16:57:05 UTC
From: Glen Zook
Topic: 138 Message: 165

Looking at the schematic I would put the relay in series with pin 5 of the function switch. This is the connection that goes to the high voltage winding on the power transformer.

Glen, K9STH

Website: http://k9sth.com

--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote:

My DX-60 has a 10K resistor between the Low B+ and pin 1
of the mode switch..

It also has a parallel R/C between the modulator and pin 2
of the mode switch.

I assume this is different mod to correct the same
problem.

166. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 17:31:21 UTC
From: Bob Macklin
Topic: 138 Message: 166

I have been looking at the wrong section.

At least switching that line can easily be done remote from the mode switch.

We need to document this mod.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 15, 2008 9:57 AM
Subject: Re: [heathkitnovicestations] Re: DX-60A Power Supply

Looking at the schematic I would put the relay in series with pin 5 of the function switch.
This is the connection that goes to the high voltage winding on the power transformer.

Glen, K9STH

Website: http://k9sth.com

--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote:

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It also has a parallel R/C between the modulator and pin 2 of the mode switch.

I assume this is different mod to correct the same problem.

167. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 17:49:18 UTC
From: Glen Zook
Topic: 138 Message: 167

I have to admit that my DX-35 is still "factory" in terms of the function switch. However, I do not use it much at all. Therefore, I hope, that the function switch will "last" a bit longer!

Glen, K9STH

Website: http://k9sth.com

--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote

I have been looking at the wrong section.

At least switching that line can easily be done remote
from the mode switch.

We need to document this mod.

168. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 17:58:35 UTC
From: Bob Macklin
Topic: 138 Message: 168

At least these don't have the value of COLLECTORS ITEMS.

I don't mind doing modifacions to fix problems or make them more functional.

But someday maybe someone will think these are COLLECTORS ITEMS. But I won't live that long!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 15, 2008 10:49 AM
Subject: Re: [heathkitnovicestations] Re: DX-60A Power Supply

I have to admit that my DX-35 is still "factory" in terms of the function switch. However, I do not use it much at all. Therefore, I hope, that the function switch will "last" a bit longer!

Glen, K9STH

Website: http://k9sth.com

--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote

I have been looking at the wrong section.

At least switching that line can easily be done remote from the mode switch.

We need to document this mod.

169. RE: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 19:54:57 UTC
From: N8IE
Topic: 138 Message: 169

Here is my MOD to fix the HV issue.
http://n8ie.com/documents%5CDX60.zip

73
Dan, N8IE

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bob Macklin
Sent: Sunday, June 15, 2008 1:59 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Re: DX-60A Power Supply

At least these don't have the value of COLLECTORS ITEMS.

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But someday maybe someone will think these are COLLECTORS ITEMS. But I won't
live that long!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Glen Zook <mailto:gzook@...>
To: heathkitnovicestati <mailto:heathkitnovicestations@yahoogroups.com>
ons@yahoogroups.com
Sent: Sunday, June 15, 2008 10:49 AM
Subject: Re: [heathkitnovicestations] Re: DX-60A Power Supply

I have to admit that my DX-35 is still "factory" in terms of the function
switch. However, I do not use it much at all. Therefore, I hope, that the
function switch will "last" a bit longer!

Glen, K9STH

Website: http://k9sth. <http://k9sth.com> com

--- On Sun, 6/15/08, Bob Macklin <macklinbob@msn.
<mailto:macklinbob@...> com> wrote

I have been looking at the wrong section.

At least switching that line can easily be done remote from the mode switch.

We need to document this mod.

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 270.3.0/1503 - Release Date: 6/14/2008
6:02 PM

170. Re: [heathkitnovicestations] Re: DX-60A Power Supply

Yahoo group: heathkitnovicestations
Date: 2008-06-15 22:15:06 UTC
From: Bob Macklin
Topic: 138 Message: 170

Thanks,

I put it in the "FILES" section of the Group.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: N8IE
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 15, 2008 12:54 PM
Subject: RE: [heathkitnovicestations] Re: DX-60A Power Supply

Here is my MOD to fix the HV issue.
http://n8ie.com/documents%5CDX60.zip

73
Dan, N8IE

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bob Macklin
Sent: Sunday, June 15, 2008 1:59 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Re: DX-60A Power Supply

At least these don't have the value of COLLECTORS ITEMS.

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But someday maybe someone will think these are COLLECTORS ITEMS. But I won't live that long!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 15, 2008 10:49 AM
Subject: Re: [heathkitnovicestations] Re: DX-60A Power Supply

I have to admit that my DX-35 is still "factory" in terms of the function switch. However, I do not use it much at all. Therefore, I hope, that the function switch will "last" a bit longer!

Glen, K9STH

Website: http://k9sth.com

--- On Sun, 6/15/08, Bob Macklin <macklinbob@...> wrote

I have been looking at the wrong section.

At least switching that line can easily be done remote from the mode switch.

We need to document this mod.

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 270.3.0/1503 - Release Date: 6/14/2008 6:02 PM

171. DX-60 DX

Yahoo group: heathkitnovicestations
Date: 2008-06-17 17:28:39 UTC
From: BSugarberg
Topic: 171 Message: 171

Hello Listers,

I come across this on another reflector, and thought
you might find it interesting:

73, Bruce WA8TNC
==========
"10M propagation has been coming up in the last month...
the most recent station I worked in KS reported working
VKs, JAs and HI with his DX-60!"

73 de W8JMF, John

172. Insanity!

Yahoo group: heathkitnovicestations
Date: 2008-06-17 21:14:36 UTC
From: Bob Macklin
Topic: 172 Message: 172

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&rd=1&item=120270957905&ssPageName=STRK:MEWA:IT&ih=002

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

173. Re: [heathkitnovicestations] Insanity!

Yahoo group: heathkitnovicestations
Date: 2008-06-17 21:26:08 UTC
From: Dave And Merrijoy
Topic: 172 Message: 173

Oh my!
Another one of my mom's favorite sayings, "...a fool and his money soon part..."
These unbuilt kits have been talked about on another forum...yet, what can a person do with it...put it on the shelf until he or she decides to resell it? Or build it and then what will it be worth? Not $799 for sure.
Of course, for the seller...
Wondering how many of these "unbuilt" kits are out there?
Dave w9ocm

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&rd=1&item=120270957905&ssPageName=STRK:MEWA:IT&ih=002

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.3.0/1505 - Release Date: 6/16/2008 7:20 AM

174. [heathkitnovicestations] dx-60

Yahoo group: heathkitnovicestations
Date: 2008-06-17 21:45:39 UTC
From: Dave And Merrijoy
Topic: 174 Message: 174

There are 3 dx-60's on eBay currently for anyone who would be interested.
Dave w9ocm

175. what is this

Yahoo group: heathkitnovicestations
Date: 2008-06-22 21:42:37 UTC
From: Dave Fales
Topic: 175 Message: 175

this isn't a noivce stion but hwat is it and what does it do. heathkit sine square audio generator

176. Re: [heathkitnovicestations] what is this

Yahoo group: heathkitnovicestations
Date: 2008-06-22 22:03:40 UTC
From: Jon M. Schumacher
Topic: 175 Message: 176

Dave,

The Heath item you mention generates an RF signal in the form of a sine wave or harmonic-rich square wave for testing purposes when troubleshooting radio and audio problems.

Jon, K1NV

177. Re: [heathkitnovicestations] what is this

Yahoo group: heathkitnovicestations
Date: 2008-06-22 22:42:56 UTC
From: Bob Macklin
Topic: 175 Message: 177

Dave,

This is a test instrument that was commonly used in the Audio Amplifier and Tape Recorder industry many years ago.

The audio tone in RG generators is a single frequency of about 400Hz. These generators were also used to modulate the RF signal generators to test the audio channels of receivers.

In audio testing the square wave is used to test the phase response.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Dave Fales
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 22, 2008 2:42 PM
Subject: [heathkitnovicestations] what is this

this isn't a noivce stion but hwat is it and what does it do. heathkit sine square audio generator

178. Re: [heathkitnovicestations] what is this

Yahoo group: heathkitnovicestations
Date: 2008-06-22 22:56:41 UTC
From: Dave Fales
Topic: 175 Message: 178

so is there a use for it any one have a need for it
----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 22, 2008 4:42 PM
Subject: Re: [heathkitnovicestations] what is this

Dave,

This is a test instrument that was commonly used in the Audio Amplifier and Tape Recorder industry many years ago.

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In audio testing the square wave is used to test the phase response.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Dave Fales
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 22, 2008 2:42 PM
Subject: [heathkitnovicestations] what is this

this isn't a noivce stion but hwat is it and what does it do. heathkit sine square audio generator

179. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-06-29 09:48:43 UTC
From: rev. don
Topic: 73 Message: 179

Jim, I would like a copy of the QSK article, please. Thank you.
Don W4BWS
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 3:14 PM
Subject: [heathkitnovicestations] Better TR Switch

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electronicsurplus.com/dictionary/cat2074.htm I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T)1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

I used to work for Bell Labs and I "inherited" quite a few mercury wetted SPDT relays. I use one to switch my antenna between transmitter and receiver, a second to key my transmitter, and a third to cut my receiver back for QSK. The swinger on the receiver relay is attached to ground. When the relay is not activated, the swinger shorts across a "monitor volume" pot that I put in series with my RF gain control to ground. When the relay is activated, that contact opens and the added pot allows me to set the RF gain of the receiver lower for convenient monitoring of my signal. I connect the "normally open" contact of that same relay to the antenna terminal of my receiver so that the swinger shorts the antenna to ground when the relay is activated which also helps to cut the received signal back.

I have a time delay circuit built out of a few radio shack transistors and some R's and C's. When I hit my key the antenna relay and the receiver relay activate first and then the keying relay closes. When I release my key the keying relay opens first and later the antenna and receiver relays release. It gives me perfect QSK at speeds a lot faster than the 30 wpm I usually top out at.

I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

180. Re: Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-06-29 13:21:50 UTC
From: Bill Cromwell
Topic: 73 Message: 180

Hi,

I've had very good luck with the electronic tr switches but I am well aware of the potential for trouble. I probably have all of the pieces for building the relay circuits scattered in several different articles. I would like to have a copy of the circuits and the notes that go with them, too. I might replace some parts of the multiple relay design with grid block keying or other circuits but use the timing circuits to sequence all of it and put that relay in the antenna line.

73,

Bill KU8H

181. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-06-30 17:13:35 UTC
From: JAMES HANLON
Topic: 73 Message: 181
Attachments: 5 described; binary payloads are missing from this source WARC

Don,

Here you are.

73,

Jim

----- Original Message -----
From: rev. don<mailto:w4bws@...>
To: heathkitnovicestations@...m<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Sunday, June 29, 2008 3:48 AM
Subject: Re: [heathkitnovicestations] Better TR Switch

Jim, I would like a copy of the QSK article, please. Thank you.
Don W4BWS
----- Original Message -----
From: JAMES HANLON<mailto:knjhanlon@msn.com>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Friday, May 30, 2008 3:14 PM
Subject: [heathkitnovicestations] Better TR Switch

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electronicsurplus.com/dictionary/cat2074.htm<http://www.electronicsurplus.com/dictionary/cat2074.htm> I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T)1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

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received signal back.

I have a time delay circuit built out of a few radio shack transistors and some R's and C's. When I hit my key the antenna relay and the receiver relay activate first and then the keying relay closes. When I release my key the keying relay opens first and later the antenna and receiver relays release. It gives me perfect QSK at speeds a lot faster than the 30 wpm I usually top out at.

I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

182. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-06-30 20:25:51 UTC
From: Carl
Topic: 73 Message: 182

What is a .tif file? My PC doesnt recognize it.

Carl

----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 30, 2008 1:13 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

Don,

Here you are.

73,

Jim

----- Original Message -----
From: rev. don
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 29, 2008 3:48 AM
Subject: Re: [heathkitnovicestations] Better TR Switch

Jim, I would like a copy of the QSK article, please. Thank you.
Don W4BWS
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 3:14 PM
Subject: [heathkitnovicestations] Better TR Switch

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electronicsurplus.com/dictionary/cat2074.htm I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T)1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

I used to work for Bell Labs and I "inherited" quite a few mercury wetted SPDT relays. I use one to switch my antenna between transmitter and receiver, a second to key my transmitter, and a third to cut my receiver back for QSK. The swinger on the receiver relay is attached to ground. When the relay is not activated, the swinger shorts across a "monitor volume" pot that I put in series with my RF gain control to ground. When the relay is activated, that contact opens and the added pot allows me to set the RF gain of the receiver lower for convenient monitoring of my signal. I connect the "normally open" contact of that same relay to the antenna terminal of my receiver so that the swinger shorts the antenna to ground when the relay is activated which also helps to cut the received signal back.

I have a time delay circuit built out of a few radio shack transistors and some R's and C's. When I hit my key the antenna relay and the receiver relay activate first and then the keying relay closes. When I release my key the keying relay opens first and later the antenna and receiver relays release. It gives me perfect QSK at speeds a lot faster than the 30 wpm I usually top out at.

I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

183. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-06-30 21:26:17 UTC
From: Bob Macklin
Topic: 73 Message: 183

Carl,

Most photo applications can open tiff files.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Carl
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 30, 2008 1:25 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

What is a .tif file? My PC doesnt recognize it.

Carl

----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 30, 2008 1:13 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

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Here you are.

73,

Jim

----- Original Message -----
From: rev. don
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 29, 2008 3:48 AM
Subject: Re: [heathkitnovicestations] Better TR Switch

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Don W4BWS
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 3:14 PM
Subject: [heathkitnovicestations] Better TR Switch

Bob,

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I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

184. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-06-30 21:37:56 UTC
From: Glen Zook
Topic: 73 Message: 184

A .tif file is a graphics file like a gif, jpg, etc. Any graphics program should be able to open the file.

Glen, K9STH

Website: http://k9sth.com

--- On Mon, 6/30/08, Carl <km1h@...> wrote:
What is a .tif file? My PC doesnt recognize it.

185. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-06-30 22:35:01 UTC
From: Carl
Topic: 73 Message: 185

Bob another member sent it to me as a PDF file so Im all set.

Thanks
Carl

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 30, 2008 5:26 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

Carl,

Most photo applications can open tiff files.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Carl
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 30, 2008 1:25 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

What is a .tif file? My PC doesnt recognize it.

Carl

----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 30, 2008 1:13 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

Don,

Here you are.

73,

Jim

----- Original Message -----
From: rev. don
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, June 29, 2008 3:48 AM
Subject: Re: [heathkitnovicestations] Better TR Switch

Jim, I would like a copy of the QSK article, please. Thank you.
Don W4BWS
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, May 30, 2008 3:14 PM
Subject: [heathkitnovicestations] Better TR Switch

Bob,

Rather than ask for trouble by using a TR switch that generates harmonics, I'd suggest that you use a mercury wetted relay as an antenna switch. I've been using one since sometime in the 70's and it does an excellent job.

Mercury wetted relays are fast, they operate and release in under a millisecond, they have very low contact resistance, their contacts are absolutely linear so they generate no harmonics, and they have no "bounce" on switching. Once they close, they stay closed; and once they open, they stay open. You can get a SPDT mercury wetted relay at http://www.electronicsurplus.com/dictionary/cat2074.htm I found a Clare HGSL 1027 on their list, SPDT, 1 amp, 6 to 12 vdc coil, 275 ohms, for $11.95. They also list a Clare HGSR-51111-T)1, SPDT, 24 volt coil, with a cost of $.00! (No kidding). I'd get several if they would sell them for that price!

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I have a time delay circuit built out of a few radio shack transistors and some R's and C's. When I hit my key the antenna relay and the receiver relay activate first and then the keying relay closes. When I release my key the keying relay opens first and later the antenna and receiver relays release. It gives me perfect QSK at speeds a lot faster than the 30 wpm I usually top out at.

I'd be happy to send you a copy of my ER article describing the full QSK keyer if you are interested.

One other question. Is it possible for me to change my subscription to a "digest" version of this reflector?

73,

Jim Hanlon, W8KGI

186. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-07-01 04:52:46 UTC
From: rev. don
Topic: 73 Message: 186

THANKS!!!
DON
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, June 30, 2008 12:13 PM
Subject: Re: [heathkitnovicestations] Better TR Switch

187. Re: [heathkitnovicestations] Better TR Switch

Yahoo group: heathkitnovicestations
Date: 2008-07-01 16:30:58 UTC
From: Mike WE0H
Topic: 73 Message: 187

Go get the Splat Cat program. Then you can convert it into pdf's or
whatever you desire at the moment.
http://www.irfanview.com/

TIF files are larger in size and usually very high resolution.

Mike
WE0H

Carl wrote:
>
> What is a .tif file? My PC doesnt recognize it.
>
> Carl

188. FS: Lacing Cord

Yahoo group: heathkitnovicestations
Date: 2008-07-04 11:33:54 UTC
From: Bry Carling
Topic: 188 Message: 188

FOR SALE:

Lacing Cord for wiring harnesses in radio and other
electronic equipment. For a professional finish, you get
that wonderful, professional, "original equipment" appearance.
Great for homebrew and repairs.

A spool should last a long time.... two types available...

These are natural color (cream) and around 1/8" wide.

250 yard spool of unwaxed lacing cord - $12.00

300 yards of WAXED lacing cord - $15.00

Shipping additional.

73 - Brian, AF4K

189. HR-10 Reference

Yahoo group: heathkitnovicestations
Date: 2008-07-08 21:15:14 UTC
From: JAMES HANLON
Topic: 189 Message: 189

Y'all,

I'm currently writing an article about my HR-10 for Electric Radio magazine. I have a sheet of information that I would like to reference in the article, but I can't find out where I got it. Perhaps someone on the list can help me with that.

The page starts off with a heading,
Date Sun 16 Jan, 200 09:42:12 -0500
Reply to Mark S. Graalman <[log in to unmask]>
Sender: Heathkit Owners and Collectors List <[log in to unmask]>
From: Mark S. Graalman <[log in to unmask]>
Subject: Heath Mods

Mark, WB8JKR, then goes on to present several mods for the HR-10B receiver and for the DX-60B transmitter.

Any idea where I got this?

Thanks,

Jim Hanlon, W8KGI

190. Re: [heathkitnovicestations] HR-10 Reference

Yahoo group: heathkitnovicestations
Date: 2008-07-08 21:32:51 UTC
From: Deane McIntyre
Topic: 189 Message: 190

This message was transferred with a trial version of CommuniGate(tm) Pro

On 8-Jul-08, at 3:15 PM, JAMES HANLON wrote:

> *This message was transferred with a trial version of CommuniGate
> (tm) Pro*
> Y'all,
>
> I'm currently writing an article about my HR-10 for Electric Radio
> magazine.
> I have a sheet of information that I would like to reference in the
> article,
> but I can't find out where I got it. Perhaps someone on the list
> can help
> me with that.
>
> The page starts off with a heading,
> Date Sun 16 Jan, 200 09:42:12 -0500
> Reply to Mark S. Graalman <[log in to unmask]>
> Sender: Heathkit Owners and Collectors List <[log in to unmask]>
> From: Mark S. Graalman <[log in to unmask]>
> Subject: Heath Mods
>
> Mark, WB8JKR, then goes on to present several mods for the HR-10B
> receiver
> and for the DX-60B transmitter.
>
> Any idea where I got this?

Tempe Heath List January 16, 2001:

<http://lists.tempe.gov/admin/WA.EXE?
A2=ind0001&L=heath&D=1&T=0&O=D&F=P&S=&P=25971>

73,

Deane McIntyre VE6BPO

191. Re: [heathkitnovicestations] HR-10 Reference

Yahoo group: heathkitnovicestations
Date: 2008-07-08 21:38:10 UTC
From: Deane McIntyre
Topic: 189 Message: 191

This message was transferred with a trial version of CommuniGate(tm) Pro

On 8-Jul-08, at 3:32 PM, Deane McIntyre wrote:

>
>> Y'all,
>>
>> I'm currently writing an article about my HR-10 for Electric Radio
>> magazine.
>> I have a sheet of information that I would like to reference in the
>> article,
>> but I can't find out where I got it. Perhaps someone on the list
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>> me with that.
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>> Reply to Mark S. Graalman <[log in to unmask]>
>> Sender: Heathkit Owners and Collectors List <[log in to unmask]>
>> From: Mark S. Graalman <[log in to unmask]>
>> Subject: Heath Mods
>>
>> Mark, WB8JKR, then goes on to present several mods for the HR-10B
>> receiver
>> and for the DX-60B transmitter.
>>
>> Any idea where I got this?
>
>
> Tempe Heath List January 16, 2001:
>
> <http://lists.tempe.gov/admin/WA.EXE?
> A2=ind0001&L=heath&D=1&T=0&O=D&F=P&S=&P=25971>

Whoops, seems that one cannot directly link to the article.

Try

<http://lists.tempe.gov/archives/HEATH.html>

and then go to January 2001 for the index.

need to do the mod to increase the BFO injection level on my HR-10B
myself...

73,

Deane McIntyre VE6BPO

>

192. Re: [heathkitnovicestations] HR-10 Reference

Yahoo group: heathkitnovicestations
Date: 2008-07-08 21:38:50 UTC
From: JAMES HANLON
Topic: 189 Message: 192

Dean,

That's it! Thanks very much!

Jim

----- Original Message -----
From: "Deane McIntyre" <Deane@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Tuesday, July 08, 2008 3:32 PM
Subject: Re: [heathkitnovicestations] HR-10 Reference

> *This message was transferred with a trial version of CommuniGate(tm) Pro*
>
> On 8-Jul-08, at 3:15 PM, JAMES HANLON wrote:
>
> > *This message was transferred with a trial version of CommuniGate
> > (tm) Pro*
> > Y'all,
> >
> > I'm currently writing an article about my HR-10 for Electric Radio
> > magazine.
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> > me with that.
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> > Sender: Heathkit Owners and Collectors List <[log in to unmask]>
> > From: Mark S. Graalman <[log in to unmask]>
> > Subject: Heath Mods
> >
> > Mark, WB8JKR, then goes on to present several mods for the HR-10B
> > receiver
> > and for the DX-60B transmitter.
> >
> > Any idea where I got this?
>
>
> Tempe Heath List January 16, 2001:
>
> <http://lists.tempe.gov/admin/WA.EXE?
> A2=ind0001&L=heath&D=1&T=0&O=D&F=P&S=&P=25971>

>
> 73,
>
> Deane McIntyre VE6BPO
>

193. Re: [heathkitnovicestations] HR-10 Reference

Yahoo group: heathkitnovicestations
Date: 2008-07-08 21:41:22 UTC
From: Deane McIntyre
Topic: 189 Message: 193

This message was transferred with a trial version of CommuniGate(tm) Pro

On 8-Jul-08, at 3:38 PM, Deane McIntyre wrote:
>>
>>> Y'all,
>>>
>>> I'm currently writing an article about my HR-10 for Electric Radio
>>> magazine.
>>> I have a sheet of information that I would like to reference in the
>>> article,
>>> but I can't find out where I got it. Perhaps someone on the list
>>> can help
>>> me with that.
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>>> Date Sun 16 Jan, 200 09:42:12 -0500
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>>> Mark, WB8JKR, then goes on to present several mods for the HR-10B
>>> receiver
>>> and for the DX-60B transmitter.
>>>
>>> Any idea where I got this?
>>
>>
>> Tempe Heath List January 16, 2001:
>>
>> <http://lists.tempe.gov/admin/WA.EXE?
>> A2=ind0001&L=heath&D=1&T=0&O=D&F=P&S=&P=25971>
>
> Whoops, seems that one cannot directly link to the article.
>
> Try
>
> <http://lists.tempe.gov/archives/HEATH.html>
>
> and then go to January 2001 for the index.
>
> need to do the mod to increase the BFO injection level on my HR-10B
> myself...
>

Will get this right sooner or later - make that January 2000,
the article was posted January 16, 2000.
Has been a long day.....

73,

Deane McIntyre VE6BPO

194. Re: [heathkitnovicestations] HR-10 Reference

Yahoo group: heathkitnovicestations
Date: 2008-07-08 21:51:11 UTC
From: JAMES HANLON
Topic: 189 Message: 194

Dean,

When I tried your reference address all I managed to copy into my browser address line was the http://lists.tempe.gov/admin/WA.EXE? part. I then copied the second line, A2=ind0001&L=heath&D=1&T=0&O=D&F=P&S=&P=25971 , and pasted that behind the first one. That got me to the document I needed.

As to the HR-10, that bfo mod sure does make it more useable! I tried just capacitor coupling the bfo from the bfo cathode, which is hot, to the detector diode. That's a more common way to do bfo injection. It worked, but by the time I got adequate bfo injection I had detuned the output side of the last IF transformer so far that I couldn't correct the tuning with the slug. As is, the WB8JKR mod produces injection that varies as a function of the RF gain control setting because it introduces the signal to the control grid of the last IF stage. But that still works a heck of a lot better than the original circuit which just depended on stray coupling through the tube and the circuit wiring.

By the way, I get a lot of hum when I turn the bfo on. Adding filter cap to the B+ line doesn't improve it, and even running all of the filaments in the receiver from DC doesn't help it out. Does your receiver have a problem like this?

Jim

----- Original Message -----
From: "Deane McIntyre" <Deane@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Tuesday, July 08, 2008 3:41 PM
Subject: Re: [heathkitnovicestations] HR-10 Reference

> *This message was transferred with a trial version of CommuniGate(tm) Pro*
>
> On 8-Jul-08, at 3:38 PM, Deane McIntyre wrote:
> >>
> >>> Y'all,
> >>>
> >>> I'm currently writing an article about my HR-10 for Electric Radio
> >>> magazine.
> >>> I have a sheet of information that I would like to reference in the
> >>> article,
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> >>> me with that.
> >>>
> >>> The page starts off with a heading,

> >>> Date Sun 16 Jan, 200 09:42:12 -0500
> >>> Reply to Mark S. Graalman <[log in to unmask]>
> >>> Sender: Heathkit Owners and Collectors List <[log in to unmask]>
> >>> From: Mark S. Graalman <[log in to unmask]>
> >>> Subject: Heath Mods
> >>>
> >>> Mark, WB8JKR, then goes on to present several mods for the HR-10B
> >>> receiver
> >>> and for the DX-60B transmitter.
> >>>
> >>> Any idea where I got this?
> >>
> >>
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> > and then go to January 2001 for the index.
> >
> > need to do the mod to increase the BFO injection level on my HR-10B
> > myself...
> >
>
> Will get this right sooner or later - make that January 2000,
> the article was posted January 16, 2000.
> Has been a long day.....
>
> 73,
>
> Deane McIntyre VE6BPO
>

195. Re: [heathkitnovicestations] HR-10 Reference

Yahoo group: heathkitnovicestations
Date: 2008-07-08 22:14:39 UTC
From: Gary Pewitt
Topic: 189 Message: 195

Highlight both lines of the address minus the left and right arrows at
each end. Hit control c to copy. Go to your browser and make sure the
address block is empty. Put the cursor in the block and hit control v.
You will go directly to the article.
This works when you get a long address that takes more than one line.
73 Gary N9ZSV

JAMES HANLON wrote:
>
> Dean,
>
> When I tried your reference address all I managed to copy into my browser
> address line was the http://lists.tempe.gov/admin/WA.EXE?
> <http://lists.tempe.gov/admin/WA.EXE?> part. I then
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> , and
> pasted that behind the first one. That got me to the document I needed.
>
> As to the HR-10, that bfo mod sure does make it more useable! I tried
> just
> capacitor coupling the bfo from the bfo cathode, which is hot, to the
> detector diode. That's a more common way to do bfo injection. It worked,
> but by the time I got adequate bfo injection I had detuned the output
> side
> of the last IF transformer so far that I couldn't correct the tuning with
> the slug. As is, the WB8JKR mod produces injection that varies as a
> function of the RF gain control setting because it introduces the
> signal to
> the control grid of the last IF stage. But that still works a heck of
> a lot
> better than the original circuit which just depended on stray coupling
> through the tube and the circuit wiring.
>
> By the way, I get a lot of hum when I turn the bfo on. Adding filter
> cap to
> the B+ line doesn't improve it, and even running all of the filaments
> in the
> receiver from DC doesn't help it out. Does your receiver have a problem
> like this?
>
> Jim
>
> ----- Original Message -----
> From: "Deane McIntyre" <Deane@...
> <mailto:Deane%40deane.bio.ucalgary.ca>>

> To: <heathkitnovicestations@yahoogroups.com
> <mailto:heathkitnovicestations%40yahoogroups.com>>
> Sent: Tuesday, July 08, 2008 3:41 PM
> Subject: Re: [heathkitnovicestations] HR-10 Reference
>
> > *This message was transferred with a trial version of
> CommuniGate(tm) Pro*
> >
> > On 8-Jul-08, at 3:38 PM, Deane McIntyre wrote:
> > >>
> > >>> Y'all,
> > >>>
> > >>> I'm currently writing an article about my HR-10 for Electric Radio
> > >>> magazine.
> > >>> I have a sheet of information that I would like to reference in the
> > >>> article,
> > >>> but I can't find out where I got it. Perhaps someone on the list
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> > >>> me with that.
> > >>>
> > >>> The page starts off with a heading,
> > >>> Date Sun 16 Jan, 200 09:42:12 -0500
> > >>> Reply to Mark S. Graalman <[log in to unmask]>
> > >>> Sender: Heathkit Owners and Collectors List <[log in to unmask]>
> > >>> From: Mark S. Graalman <[log in to unmask]>
> > >>> Subject: Heath Mods
> > >>>
> > >>> Mark, WB8JKR, then goes on to present several mods for the HR-10B
> > >>> receiver
> > >>> and for the DX-60B transmitter.
> > >>>
> > >>> Any idea where I got this?
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> > >>
> > >> Tempe Heath List January 16, 2001:
> > >>
> > >> <http://lists.tempe.gov/admin/WA.EXE?
> <http://lists.tempe.gov/admin/WA.EXE?>
> > >> A2=ind0001&L=heath&D=1&T=0&O=D&F=P&S=&P=25971>
> > >
> > > Whoops, seems that one cannot directly link to the article.
> > >
> > > Try
> > >
> > > <http://lists.tempe.gov/archives/HEATH.html
> <http://lists.tempe.gov/archives/HEATH.html>>
> > >
> > > and then go to January 2001 for the index.
> > >
> > > need to do the mod to increase the BFO injection level on my HR-10B

> > > myself...
> > >
> >
> > Will get this right sooner or later - make that January 2000,
> > the article was posted January 16, 2000.
> > Has been a long day.....
> >
> > 73,
> >
> > Deane McIntyre VE6BPO
> >
>
>

196. Re: [heathkitnovicestations] HR-10 Reference

Yahoo group: heathkitnovicestations
Date: 2008-07-09 05:02:32 UTC
From: Deane McIntyre
Topic: 189 Message: 196

On 8-Jul-08, at 3:51 PM, JAMES HANLON wrote:

>
> As to the HR-10, that bfo mod sure does make it more useable! I
> tried just
> capacitor coupling the bfo from the bfo cathode, which is hot, to the
> detector diode. That's a more common way to do bfo injection. It
> worked,
> but by the time I got adequate bfo injection I had detuned the
> output side
> of the last IF transformer so far that I couldn't correct the
> tuning with
> the slug. As is, the WB8JKR mod produces injection that varies as a
> function of the RF gain control setting because it introduces the
> signal to
> the control grid of the last IF stage. But that still works a heck
> of a lot
> better than the original circuit which just depended on stray coupling
> through the tube and the circuit wiring.

Did the BFO mod this evening and yes it sure makes a big improvement.
Listening
to the SSB traffic on 40 as I type this - sure will help keep my RD
gain control from wearing
out. Had to tweak the BFO coil and the secondary of the IF
transformer afterward.

This HR10-B was a $25 special at a local hamfest a few years ago. Had
a few mods
when I got it - a VR tube to regulate the B+ for the conversion
oscillator and
the rectifier and detector diodes had been replaced with solid state.
After a alignment
and replacing the filter caps worked reasonably well but the BFO mod
makes it all the
much better.

>
> By the way, I get a lot of hum when I turn the bfo on. Adding
> filter cap to
> the B+ line doesn't improve it, and even running all of the
> filaments in the
> receiver from DC doesn't help it out. Does your receiver have a
> problem
> like this?

No, I get no hum at all from the BFO.
>

73,

Deane McIntyre VE6BPO

197. FS: Parts and Accessories

Yahoo group: heathkitnovicestations
Date: 2008-07-24 12:37:54 UTC
From: Bry Carling
Topic: 197 Message: 197

FOR SALE:

MFJ SW/MW/LW ANTENNA TUNER - MODEL MFJ-956
150 kHz to 30 MHz. Comes with the manual copy.
Available for $65.00 plus shipping.
Picture and details at:
http://www.af4k.com/radios.htm

JAN 1AD4 PENCIL TUBES - New in Boxes.
Data sheets available - pentode types.
QTY 2 available for $5.00 each plus shipping.

Dipole Center Insulator - white ceramic
Birnbach. Number 458 - 4.5" long.
QTY 1 Available for $5.00 plus shipping.

45 second Delay Relay Octal, NOS.
Normally open contacts, by Edison. New in Box.
Qty 1 Available for $9.00 plus shipping.

Dual 500 PF VARIABLE CAPACITOR new in box, with
knob. Excellent - Qty 2 Available for $9.00 each

455 kHz crystals, HC6/U wire leads, new - $16.00
each.

Knob with Dial Skirt - military with 0-100 scale.
2" diameter with the skirt...
Qty 1 Available for $5.00

5 watt RF Dummy Load built into a PL-259 plug.
Qty 1 Available for $4.00

3700 uF at 200V DC Computer Grade Capacitor.
With screw terminals... Qty 1 Available for $5.00

CS-137 MILITARY CRYSTAL CASE for 120 FT243
CRYSTALS - $35.00 each.

Waxed Lacing Cord - large spool, new, 300 yards
for $15.00

3-way Adapter for 12V Outlets for cigarette
lighter, like new - $3.00

NEW CRYSTAL OVENS by REL. Hold QTY 3 HC6U
Crystals.
6.3V heater - QTY 10 available for $8.00 each.

QTY of 20 FT241 Crystals on random LF Frequencies
for $9.00 plus shipping.

LOAD RESISTORS for testing audio amplifiers.
Heavy Duty 3 ohms 500 watts.
QTY 2 available for $19.00 each plus shipping.

PICTURES and DETAILS for ALL ABOVE ITEMS at:
http://www.af4k.com/radios.htm

73 - Brian, AF4K

198. Activity!

Yahoo group: heathkitnovicestations
Date: 2008-07-30 14:41:57 UTC
From: Bob Macklin
Topic: 198 Message: 198

There's about as much activity on this list as I have found on the bands lately!

On top of that my good Asian manufactured temperate controlled soldering stick DIED a couple of weeks ago.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

199. Re: [heathkitnovicestations] Activity!

Yahoo group: heathkitnovicestations
Date: 2008-07-30 15:31:30 UTC
From: wa5pok@peoplepc.com
Topic: 198 Message: 199

If it is still there, there was a Heathkit AT1 on that auction place yesterday with a buy it now of $129. Had 5 days to go.

> There's about as much activity on this list as I have found on the
> bands lately!
>
> On top of that my good Asian manufactured temperate controlled
> soldering stick DIED a couple of weeks ago.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa,
> "Real Radios Glow in the Dark"
>
>

200. Flea Market find

Yahoo group: heathkitnovicestations
Date: 2008-07-30 16:22:57 UTC
From: n8ie@woh.rr.com
Topic: 200 Message: 200

Hello all,
Sometimes you just need to be in the right place at the right time.

One of our local drive-in theaters holds a flea market on Sunday mornings, this past week while wading through isles of good old junque, I saw a glimpse of that familiar Heathkit green on the ground.

Turned out to be a near perfect looking HR-10B. Upon inspection I found out it had the HRA-10-1 crystal calibrator installed.

Asking price was $50, I got it for $40.

Got it home and found the rectifier tube and fuse bad, after replacing the old gal worked almost perfectly. It needs a major re-alignment but other than that it's in great condition.

You just never know where this stuff will turn up.

73
Dan, N8IE

201. Re: [heathkitnovicestations] Activity!

Yahoo group: heathkitnovicestations
Date: 2008-07-30 17:34:29 UTC
From: k0ng@inebraska.com
Topic: 198 Message: 201

Hi Bob: (et al) I worked an HW-101 (excellent note) in Oklahoma yesterday
with my HW-16. Does that count for activity ?? (7040 early evening)

73, Charlie, K0NG ..

202. Re: [heathkitnovicestations] Activity!

Yahoo group: heathkitnovicestations
Date: 2008-07-30 17:41:12 UTC
From: Bob Macklin
Topic: 198 Message: 202

I guess so. I guess I am never on at the right time.

I usually check the 40M CW segment between 6PM and 8PM PT. Then switch to
80M at 8PM.

We have a group that operated RTTY on 3595 most evenings at 8PM PT. Then
about 9:30 PM there is a SSB group that operates about 3740.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: <k0ng@...>
To: <heathkitnovicestations@yahoogroups.com>; "Bob Macklin"
<macklinbob@...>
Cc: "Heath Novice Stations" <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, July 30, 2008 10:34 AM
Subject: Re: [heathkitnovicestations] Activity!

>
> Hi Bob: (et al) I worked an HW-101 (excellent note) in Oklahoma yesterday
> with my HW-16. Does that count for activity ?? (7040 early evening)
>
> 73, Charlie, K0NG ..
>
>

203. Re: [heathkitnovicestations] Flea Market find

Yahoo group: heathkitnovicestations
Date: 2008-07-31 00:05:37 UTC
From: N2EY@aol.com
Topic: 200 Message: 203

In a message dated 7/30/08 12:23:33 PM Eastern Daylight Time, n8ie@...
writes:

> One of our local drive-in theaters holds a flea market on Sunday mornings
> ...

> Turned out to be a near perfect looking HR-10B. Upon inspection I found out
> it had the HRA-10-1 crystal calibrator installed.
>

> found the rectifier tube and fuse bad, after replacing the old gal worked
> almost perfectly. It needs a major re-alignment but other than that it's in
> great condition.
>
> You just never know where this stuff will turn up.

Gotta wonder what the story is of how it came to be there!

73 de Jim, N2EY

****
Get fantasy football with free live scoring. Sign up for
FanHouse Fantasy Football today.

(http://www.fanhouse.com/fantasyaffair?ncid=aolspr00050000000020)

204. Re: [heathkitnovicestations] Flea Market find

Yahoo group: heathkitnovicestations
Date: 2008-07-31 00:18:34 UTC
From: Bob Macklin
Topic: 200 Message: 204

My first HR-10 seemed to have been stored in a barn for many years.

There was mud on the top of the chassis that looked like it had been rained on. Underneath there were spider nests and evidence of other creepy crawlers!

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: N2EY@...
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, July 30, 2008 5:05 PM
Subject: Re: [heathkitnovicestations] Flea Market find

In a message dated 7/30/08 12:23:33 PM Eastern Daylight Time, n8ie@... writes:

One of our local drive-in theaters holds a flea market on Sunday mornings

...

Turned out to be a near perfect looking HR-10B. Upon inspection I found out it had the HRA-10-1 crystal calibrator installed.

found the rectifier tube and fuse bad, after replacing the old gal worked almost perfectly. It needs a major re-alignment but other than that it's in great condition.

You just never know where this stuff will turn up
.

Gotta wonder what the story is of how it came to be there!

73 de Jim, N2EY

****
Get fantasy football with free live scoring. Sign up for FanHouse Fantasy Football today.
(http://www.fanhouse.com/fantasyaffair?ncid=aolspr00050000000020)

205. Activity?

Yahoo group: heathkitnovicestations
Date: 2008-08-15 17:34:42 UTC
From: Bob Macklin
Topic: 205 Message: 205

Is anyone doing any operating.

The bands are dead here at my location South of Seattle.

We are at the Solar Minimum. We just had another week of ZIP sunspots!

There is supposed to be a phone contest tomorrow. I will be listening to see if I can hear anything then.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

206. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2008-08-15 18:06:21 UTC
From: Jon M. Schumacher
Topic: 205 Message: 206

Where will you be listening, Bob?

Jon, K1NV

207. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2008-08-15 18:41:17 UTC
From: Bob Macklin
Topic: 205 Message: 207

I will be listening on 40M CW most evenings from about 5PM PT until about 9:30PM PT. Then I will check 80 and 75.

I have seen some SSB activity on 3740 on a regular basis at 9:30PM PT.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Jon M. Schumacher
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, August 15, 2008 11:06 AM
Subject: Re: [heathkitnovicestations] Activity?

Where will you be listening, Bob?

Jon, K1NV

208. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2008-08-15 18:52:28 UTC
From: wa5pok@peoplepc.com
Topic: 205 Message: 208

Most of mine is on 30 and 20 CW ... few Eu with the dipole, beam
stuck South with bad rotor : (

>
> Is anyone doing any operating.
>
> The bands are dead here at my location South of Seattle.
>
> We are at the Solar Minimum. We just had another week of ZIP sunspots!
>
> There is supposed to be a phone contest tomorrow. I will be listening
> to see if I can hear anything then.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa,
> "Real Radios Glow in the Dark"
>
>

209. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2008-08-15 19:19:59 UTC
From: mike l dol dormann
Topic: 205 Message: 209

i have ben putting together my keymans club of japan station, 40, super pro/304th, 20, hro60/pair of push push 805s

got the hro60 going last night heard no one, but a few on 40.....this was at 0600z

mike w7dra

get up at 5am pdst saturday morning and you will hear some guys.....at least me blasting away CQ TEST

_____
Hotel pics, info and virtual tours. Click here to book a hotel online.
http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3nLmLRjlJIyZ9VXEtCfYCdaOygfzFZTzLfgxRlSYHVULPNNP/

210. Re: [heathkitnovicestations] Will try 40M tomorrow

Yahoo group: heathkitnovicestations
Date: 2008-08-15 21:01:55 UTC
From: Jon M. Schumacher
Topic: 210 Message: 210

Bob,

I'll look for you tomorrow evening (Saturday), probably on 40 meters. I can get on 80M, but have only a couple of xtals there. I usually have the 7050 KHz plugged into the HW-16, but can also fire up on 7111 KHz where a few QSO's have been completed in the past.

If I have time tomorrow, I'll put the DX-35 project aside and finish putting the HR-10/DX-60/HG-10 station together and try that.

Jon, K1NV
Pahrump, NV

211. Re: [heathkitnovicestations] Will try 40M tomorrow

Yahoo group: heathkitnovicestations
Date: 2008-08-15 21:19:57 UTC
From: Charles W5COV
Topic: 210 Message: 211

Despite the high atmospheric noise from storms last night , I was on from about 0100z until 0300z on both 40 and 80 and worked a couple of stations on each band .

Charlie W5COV
Northeast Oklahoma

212. Re: [heathkitnovicestations] Will try 40M tomorrow

Yahoo group: heathkitnovicestations
Date: 2008-08-15 21:39:40 UTC
From: Bob Macklin
Topic: 210 Message: 212

I am not set up to transmit right now. I am only able to receive.

Because of the solar cycle I have not put an effort to getting the DX-60 on the air.

I need start copying code off the air. But there is none there at this QTH.

And I don't expect much for a while. I watched the signals degrade over the past 4 years. I don't really expect it to be better for probably 2 years.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: Jon M. Schumacher
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, August 15, 2008 2:01 PM
Subject: Re: [heathkitnovicestations] Will try 40M tomorrow

Bob,

I'll look for you tomorrow evening (Saturday), probably on 40 meters. I can get on 80M, but have only a couple of xtals there. I usually have the 7050 KHz plugged into the HW-16, but can also fire up on 7111 KHz where a few QSO's have been completed in the past.

If I have time tomorrow, I'll put the DX-35 project aside and finish putting the HR-10/DX-60/HG-10 station together and try that.

Jon, K1NV
Pahrump, NV

213. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2008-08-15 23:47:21 UTC
From: k0ng@inebraska.com
Topic: 205 Message: 213

Bob et al: There has been some activity on 40 meter fone and CW here, mostly enough activity to suit me. I even hear a few stations in the North West but nothing so far in Seattle area.

73, K0NG ..

214. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2008-08-16 01:16:25 UTC
From: Bob Macklin
Topic: 205 Message: 214

I did find some RTTY activity on 20M this evening. Some was strong enough to decode if I had wanted to take the time. But I was more interested in checking the bands for more activity.

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"
----- Original Message -----
From: k0ng@inebraska.com
To: heathkitnovicestations@yahoogroups.com ; Bob Macklin
Cc: Heath Novice Stations
Sent: Friday, August 15, 2008 4:47 PM
Subject: Re: [heathkitnovicestations] Activity?

Bob et al: There has been some activity on 40 meter fone and CW here, mostly enough activity to suit me. I even hear a few stations in the North West but nothing so far in Seattle area.

73, K0NG ..

215. FS: Mint Conar 400

Yahoo group: heathkitnovicestations
Date: 2008-08-23 12:42:22 UTC
From: Bry Carling
Topic: 215 Message: 215

FOR SALE: CONAR 400 TRANSMITTER

Here is a near mint CONAR 400 transmitter from National Radio Institute.

The Conar 400 covers 80/40/15 meters. This fun, novice CW transmitter has 25 watts input.

It is crystal controlled. One crystal comes with the transmitter.

All original knobs, clean cabinet and front panel and I see no modifications.

Has a built in power supply for 120V AC operation. Everything including the cabinet is in beautiful shape.

CONAR WEB SITE

Original CONAR in KIT FORM...

Here is an old CONAR AD

This Collector Quality CONAR 400 is available for $225.00 plus shipping.

Picture and details at:
http://www.af4k.com/radios.htm#conar400

73 - Brian, Af4K

216. FOR SALE: Hallicrafters HA-1 "TO" Keyer in excellent condition.

Yahoo group: heathkitnovicestations
Date: 2008-08-29 10:57:51 UTC
From: Bry Carling
Topic: 216 Message: 216

FOR SALE: Hallicrafters HA-1 "TO" Keyer in excellent condition.

Excellent for cathode-keying older rigs, or for homebrew stations.
I would say that this is a 9.5 out of 10. All original knobs.
Cabinet is immaculate. Works fine.
Interior looks like new above and below chassis.
Operates on 105 to 125V AC. 10-65 wpm. Adjustable sidetone
and internal speaker for monitoring your sending.

Uses six tubes. The Hallicrafters HA-1 "TO Keyer" - will work
just great with those older rigs that need direct cathode keying.
Most of today's solid state keyers will not do the job.
The Hallicrafters TO-Keyer was the first commerial digital
keyer to be widely marketed. The TO has self-completing dits
and dahs, adjustable weighting and speed controls and
a monitor speaker. The TO-Keyer was manufactured in
the early 1960s.

This one is in mint condition and comes with cables and
a copy of the manual.

Picture and details at:
http://www.af4k.com/radios.htm#tokeyer

Will sell for $85.00 plus shipping.

73 - Brian, AF4K

217. Radio Exchange

Yahoo group: heathkitnovicestations
Date: 2008-08-29 11:07:08 UTC
From: Dave And Merrijoy
Topic: 217 Message: 217

Hello to the group,
I have resurrected an old radio sales site that I'm hoping will encourage a "hamfest" atmosphere online.
Look at it at http://radioexchange.tripod.com
Many thanks.
Dave w9ocm

218. Pacific Northwest QRP CW

Yahoo group: heathkitnovicestations
Date: 2008-09-02 03:27:22 UTC
From: Steven S. Coles
Topic: 218 Message: 218

Western WA Hams on 80-Meters CW,

pQRP has relaxed a Monday evening net starting off slow and increasing in speed over an hour or so. You can find the schedule and frequency at

http://www.wx7s.com/pQRP/wiki/index.php?title=Main_Page

Scroll to the bottom and click on

Practices and Procedures of the PNW QRP CW Net

I'm not currently active. But I enjoy listening to this net for CW practice. About once every six weeks they hold a "Pie & Coffee eyeball QSO" at a café near Bothell, WA. They bring their projects, plan the Salmon Con ham camp out weekend, and never have anything like a formal business meeting. A restored Heathkit keyer would be a big hit.

Best regards,

Steven

219. Heath Novice Station on eBay!

Yahoo group: heathkitnovicestations
Date: 2008-09-15 17:16:44 UTC
From: Bob Macklin
Topic: 219 Message: 219

Here is a Heath Novice station on eBay:

180289050199

Bob Macklin
K5MYJ
Seattle, Wa,
"Real Radios Glow in the Dark"

220. Hello, new to group

Yahoo group: heathkitnovicestations
Date: 2008-09-17 00:23:24 UTC
From: gliderboy1955
Topic: 220 Message: 220

Hi, I just joined the group. I own three HW-16s, one is box stock, one has been recapped and is the one I currently use, and one is the HW-16 dream, as modified by my elmer w5NYT. It features 20 and 10 meter coverage, a 2nd IF, real sidetone oscillator with adjustable volume, built-in crystal calibrator, linear amp relay, and twin front panel meters. It will drive my AL-1200 to an insane 1000 watts out. The receiver is almost as good as a modern rig, amazing.

I had an HW-16 that I built in 1972 when I was a novice then, but foolishly sold it for about $10 as I recall in the early 90s when you could not give them away. I was WN6RVG in 1972.

Eric, WD6DBM

221. Re: [heathkitnovicestations] Hello, new to group

Yahoo group: heathkitnovicestations
Date: 2008-09-17 00:44:45 UTC
From: Jon M. Schumacher
Topic: 220 Message: 221

Nice to hear from you, Eric. Your main HW-16 sounds like a winner. It definitely was one of the better novice rigs from the past.

I run one as an auxiliary rig in the house when I don't feel like going out to the main hamshack. Mine is in its original condition and almost useless on 15 meters. 80 and 40M work great. I get almost 50 watts out on 40 meters where I occasionally operate (xtal-controlled).

Welcome to the group.

Jon, K1NV
Pahrump, NV

222. J. W. Miller Chokes

Yahoo group: heathkitnovicestations
Date: 2008-09-18 03:26:39 UTC
From: Steven S. Coles
Topic: 222 Message: 222

All,

J. W. Miller still exists as a division of Bourns Magnetics. The varnished chokes
- 4600
- 6300
- 70F
- 73F
- 74F

Look very much like the radio-frequency chokes found in 1950s and early 1960s Heathkits. For example check the pdf data sheets at

http://www.bourns.com/pdfs/4600_series.pdf

http://www.bourns.com/pdfs/6300_series.pdf

Come to think of it, they persisted in Heath Educational System's linear circuits class into at least the late 1980s.

Happy refurbishing,

Steven, KD7YTE

223. <5-Watt Heathkit Solid-State Transmitter Model Numbers?

Yahoo group: heathkitnovicestations
Date: 2008-09-18 03:29:58 UTC
From: Steven S. Coles
Topic: 223 Message: 223

All,

My first transmitter was a DX-40. But now I'd rather use a QRP solid-state transmitter. What are the Heathkit numbers I should be looking for?

Thank you,

Steven, KD7YTE

224. Re: [heathkitnovicestations] <5-Watt Heathkit Solid-State Transmitter Model Numbers?

Yahoo group: heathkitnovicestations
Date: 2008-09-18 03:39:14 UTC
From: William R Colbert
Topic: 223 Message: 224

As far as I know, there are the HW7 which was the first, covers 40, 20, 15 and about 1.5 watts out - poor receiver. provisions for crystal control and has an internal vfo. Next is the HW8, 80-15 and is vfo controlled. Better receiver and works pretty well. About 3 watts out. Last one was the HW9, had an auxillary band kit available that would give also 30, 17, 12. Never had one but hear it was/is pretty good. I think it covered 80-10 non-warc bands. My favorite tho is the HW-16 which with a one switch and 2 wire changes will run from .25 watts to 5 watts on the low side, and up to the full 40-50 watts on high. 80-40-15.

Ray, W5XE

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115
ARCI-5784 fp #111 NCT2R El Paso,(FAR WEST) TEXAS

--- On Wed, 9/17/08, Steven S. Coles <steven_coles@...> wrote:

From: Steven S. Coles <steven_coles@...>
Subject: [heathkitnovicestations] <5-Watt Heathkit Solid-State Transmitter Model Numbers?
To: heathkitnovicestations@yahoogroups.com
Date: Wednesday, September 17, 2008, 8:29 PM

All,

My first transmitter was a DX-40. But now I'd rather use a QRP solid-state transmitter. What are the Heathkit numbers I should be looking for?

Thank you,

Steven, KD7YTE

Yahoo! Groups Links

225. Re: [heathkitnovicestations] <5-Watt Heathkit Solid-State Transmitter Model Numbers?

Yahoo group: heathkitnovicestations
Date: 2008-09-18 05:31:13 UTC
From: JAMES HANLON
Topic: 223 Message: 225

Steve,

The Heathkit solid state QRP Transceivers are the HW-7, HW-8, and HW-9. I have the -7 and -8, and I can include some comments about them and about the -9 from Chuck Penson's book, "Heathkit, A Guide to the Amateur Radio Products."

The HW-7 came out in 1972 and lasted until 75. It covers the cw portions of 40, 20 and 15 meters with 2 watts out on 15 and 3 watts on 20 and 40. The transmitter is vfo or crystal controlled. The receiver is a direct conversion job using a dual-gate mosfet product detector as a front end with a single tuned circuit. It has decent sensitivity, better than 1 microvolt, but it tends to be microphonic and it can suffer from out of band cross modulation. My antenna tuner seems to help out in that regard. It has about 2 khz selectivity thanks to a low pass audio filter.

The HW-8 was made from 76 to 83. It was a major overhaul of the HW-7 with added features. Heath added a JFET RF stage ahead of doubly balanced IC product detector and an active audio filter with a 750 hz wide bandwidth and a 375 hz narrow bandwidth. It does not have the microphonic and cross modulation problems of the HW-7. Heath added an RF gain control, adjustable sideone volume (The -7 sidetone was fixed volume and loud!), and 80 meter coverage. Sensitivity is better than 0.2 microvolts. Power output is about 2 watts on all bands.

The HW-9 was made from 84 to 91. It was a complete redesign, and the receiver is a single conversion superhet with a double balanced mixer input, no RF stage, and a four pole crystal lattice filter in the IF. It's sensitivity is 0.2 microvolts, selectivity is 1 kc wide and 250 hz narrow. It has +/- 1 kHz RIT, The transmitter output is rated at 4 watts on all bands except for 3 watts on 10 meters. Coverage is bottom 250 kHz of 80, 40, 20, 15, and 10 meters for the base model, and there was an optional band pack that included the 30, 17, and 12 meter WARC bands. The HW-9 features full QSK while the earlier rigs do not.

Any one of them would be a lot of fun to put on the air. The HW-8 is probably the easiest to find.

73,

Jim, W8KGI

----- Original Message -----
From: "Steven S. Coles" <steven_coles@...>
To: <heathkitnovicestations@yahoogroups.com>

Sent: Wednesday, September 17, 2008 9:29 PM
Subject: [heathkitnovicestations] <5-Watt Heathkit Solid-State Transmitter Model Numbers?

All,

My first transmitter was a DX-40. But now I'd rather use a QRP solid-state transmitter. What are the Heathkit numbers I should be looking for?

Thank you,

Steven, KD7YTE

226. Solar Cycle??

Yahoo group: heathkitnovicestations
Date: 2008-09-19 00:38:17 UTC
From: Bob Macklin
Topic: 226 Message: 226

A lot of the ham related message boards have become mostly inactive sort of like the HF bands due to the current state of the solar cycle.

I am getting ready to add the power switching relay and PTT to my DX-60 next month.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

227. Re: <5-Watt Heathkit Solid-State Transmitter Model Numbers?

Yahoo group: heathkitnovicestations
Date: 2008-09-19 13:51:39 UTC
From: Steven S. Coles
Topic: 223 Message: 227

Ray and Jim,

Thank you for the information.

I downlooaded the schematics. The HW-8 looks like my sort of thing. As I'll be laid off nextt week and have more junk boxes than I know what to do with, I'm most likely to try scrtach building one. I'll around the web dig for a full manual.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, "JAMES HANLON" <knjhanlon@...> wrote:
>
> Steve,
>
> The Heathkit solid state QRP Transceivers are the HW-7, HW-8, and HW-9. I
> have the -7 and -8, and I can include some comments about them and about
> the -9 from Chuck Penson's book, "Heathkit, A Guide to the Amateur Radio
> Products."
>
> The HW-7 came out in 1972 and lasted until 75. It covers the cw portions of
> 40, 20 and 15 meters with 2 watts out on 15 and 3 watts on 20 and 40. The
> transmitter is vfo or crystal controlled. The receiver is a direct
> conversion job using a dual-gate mosfet product detector as a front end with
> a single tuned circuit. It has decent sensitivity, better than 1 microvolt,
> but it tends to be microphonic and it can suffer from out of band cross
> modulation. My antenna tuner seems to help out in that regard. It has
> about 2 khz selectivity thanks to a low pass audio filter.
>
> The HW-8 was made from 76 to 83. It was a major overhaul of the HW-7 with
> added features. Heath added a JFET RF stage ahead of doubly balanced IC
> product detector and an active audio filter with a 750 hz wide

bandwidth and
> a 375 hz narrow bandwidth. It does not have the microphonic and
cross
> modulation problems of the HW-7. Heath added an RF gain control,
adjustable
> sideone volume (The -7 sidetone was fixed volume and loud!), and 80
meter
> coverage. Sensitivity is better than 0.2 microvolts. Power output
is about
> 2 watts on all bands.
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> receiver is a single conversion superhet with a double balanced
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It's
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> It has +/- 1 kHz RIT, The transmitter output is rated at 4 watts
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> bands except for 3 watts on 10 meters. Coverage is bottom 250 kHz
of 80,
> 40, 20, 15, and 10 meters for the base model, and there was an
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> pack that included the 30, 17, and 12 meter WARC bands. The HW-9
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> full QSK while the earlier rigs do not.
>
> Any one of them would be a lot of fun to put on the air. The HW-8
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> 73,
>
> Jim, W8KGI
>
>
>
>
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> From: "Steven S. Coles" <steven_coles@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Wednesday, September 17, 2008 9:29 PM
> Subject: [heathkitnovicestations] <5-Watt Heathkit Solid-State
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> Model Numbers?
>
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> All,

>
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solid-
> state transmitter. What are the Heathkit numbers I should be
looking
> for?
>
> Thank you,
>
> Steven, KD7YTE
>

228. Re: Solar Cycle??

Yahoo group: heathkitnovicestations
Date: 2008-09-19 13:54:59 UTC
From: Steven S. Coles
Topic: 226 Message: 228

Bob,

A good thing about well-documented kits. Regardless of the solar cycle, It's always a good time to build and refurbish kits.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin" <macklinbob@...> wrote:
>
> A lot of the ham related message boards have become mostly inactive sort of like the HF bands due to the current state of the solar cycle.
>
> I am getting ready to add the power switching relay and PTT to my DX-60 next month.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>

229. Re: [heathkitnovicestations] Solar Cycle??

Yahoo group: heathkitnovicestations
Date: 2008-09-19 13:58:20 UTC
From: Mike WE0H
Topic: 226 Message: 229

HF bands die down but 600 meters has incredible propagation now. It'll be nice to get that band as a new Amateur band.

Mike
WE0H
WD2XSH/16 on 600m

Bob Macklin wrote:
>
> A lot of the ham related message boards have become mostly inactive
> sort of like the HF bands due to the current state of the solar cycle.
>
> I am getting ready to add the power switching relay and PTT to my
> DX-60 next month.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"

230. Re: [heathkitnovicestations] Re: <5-Watt Heathkit Solid-State Transmitter Model Numbers?

Yahoo group: heathkitnovicestations
Date: 2008-09-19 17:14:42 UTC
From: JAMES HANLON
Topic: 223 Message: 230

Steve,

You can find at least a partial manual at
http://bama.edebris.com/manuals/heath/hw-8/ .

Jim

----- Original Message -----
From: "Steven S. Coles" <steven_coles@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Friday, September 19, 2008 7:51 AM
Subject: [heathkitnovicestations] Re: <5-Watt Heathkit Solid-State
Transmitter Model Numbers?

Ray and Jim,

Thank you for the information.

I downlooaded the schematics. The HW-8 looks like my sort of thing.
As I'll be laid off nextt week and have more junk boxes than I know
what to do with, I'm most likely to try scrtach building one. I'll
around the web dig for a full manual.

73,

Steven

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<knjhanlon@...> wrote:
>
> Steve,
>
> The Heathkit solid state QRP Transceivers are the HW-7, HW-8, and
HW-9. I
> have the -7 and -8, and I can include some comments about them and
about
> the -9 from Chuck Penson's book, "Heathkit, A Guide to the Amateur
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> Products."
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> transmitter is vfo or crystal controlled. The receiver is a direct
> conversion job using a dual-gate mosfet product detector as a front

end with
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microvolt,
> but it tends to be microphonic and it can suffer from out of band
cross
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> about 2 khz selectivity thanks to a low pass audio filter.
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> modulation problems of the HW-7. Heath added an RF gain control,
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> sideone volume (The -7 sidetone was fixed volume and loud!), and 80
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> coverage. Sensitivity is better than 0.2 microvolts. Power output
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It's
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> 73,
>
> Jim, W8KGI

>
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> ----- Original Message -----
> From: "Steven S. Coles" <steven_coles@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Wednesday, September 17, 2008 9:29 PM
> Subject: [heathkitnovicestations] <5-Watt Heathkit Solid-State
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> Model Numbers?
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> My first transmitter was a DX-40. But now I'd rather use a QRP
solid-
> state transmitter. What are the Heathkit numbers I should be
looking
> for?
>
> Thank you,
>
> Steven, KD7YTE
>

231. HW-8 Manual!

Yahoo group: heathkitnovicestations
Date: 2008-09-19 17:37:40 UTC
From: Bob Macklin
Topic: 231 Message: 231

Anyone here wanting what appears to be a complete HW-8 manual please email me directly.

macklinbob@...

This manual is complete with the seperate pictorial sheets.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

232. Fw: [Boatanchors] F.S. HEATH HO-10 MONITOR SCOPE

Yahoo group: heathkitnovicestations
Date: 2008-09-19 17:53:20 UTC
From: Bob Macklin
Topic: 232 Message: 232

Contact seller direct!

----- Original Message -----
From: "k2sse" <k2sse@...>
Sent: Friday, September 19, 2008 10:42 AM
Subject: [Boatanchors] F.S. HEATH HO-10 MONITOR SCOPE

This scope works fine with a good trace and is clean. It comes with an
original manual all from an estate.
The cabinet has some spots on the top that are discolored but electronically
this is a very good monitor scope.
Will sell for $130 and ship from Central Fl. or pickup.Have pictures.

Thank you
Al
---

233. Re: [heathkitnovicestations] HW-8 Manual!

Yahoo group: heathkitnovicestations
Date: 2008-09-19 20:33:13 UTC
From: Bob Macklin
Topic: 231 Message: 233

I have tried to email this manual and to upload it to the Yahoo Group but so far both have failed.

Tonight I will try and upload this file to the "FILES" section of the Heathkit Novice Stations Group.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, September 19, 2008 10:37 AM
Subject: [heathkitnovicestations] HW-8 Manual!

Anyone here wanting what appears to be a complete HW-8 manual please email me directly.

macklinbob@...

This manual is complete with the seperate pictorial sheets.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

234. HW-8 Manual

Yahoo group: heathkitnovicestations
Date: 2008-09-20 03:56:00 UTC
From: Bob Macklin
Topic: 234 Message: 234

The manual is 24MB. It is too big for me to email. Yahoo won't let me upload it to the files section.

If you want the HW-8 manual click here:
http://www.geocities.com/the_great_sam8/HW-8/hw8.pdf

Bob Macklin

235. Re: HW-8 Manual

Yahoo group: heathkitnovicestations
Date: 2008-09-20 15:41:18 UTC
From: Steven S. Coles
Topic: 234 Message: 235

Bob,

Thank you.

The HW-8 manual downloaded fine at the Kenmore, WA Tully's Coffee Shop ;-) I see the manual presents plenty of hints & kinks.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin" <macklinbob@...> wrote:
>
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>
> If you want the HW-8 manual click here:
> http://www.geocities.com/the_great_sam8/HW-8/hw8.pdf
>
> Bob Macklin
>

236. Re: [heathkitnovicestations] Re: HW-8 Manual

Yahoo group: heathkitnovicestations
Date: 2008-09-20 19:11:25 UTC
From: Bob Macklin
Topic: 234 Message: 236

Steven,

I'm glad you liked it. It is complete with the pictorials.

I might even try to get one this year. I know of one locally.

Bob
----- Original Message -----
From: Steven S. Coles
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, September 20, 2008 8:41 AM
Subject: [heathkitnovicestations] Re: HW-8 Manual

Bob,

Thank you.

The HW-8 manual downloaded fine at the Kenmore, WA Tully's Coffee
Shop ;-) I see the manual presents plenty of hints & kinks.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin"
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> If you want the HW-8 manual click here:
> http://www.geocities.com/the_great_sam8/HW-8/hw8.pdf
>
> Bob Macklin
>

237. Re: [heathkitnovicestations] Re: HW-8 Manual

Yahoo group: heathkitnovicestations
Date: 2008-09-20 19:26:01 UTC
From: Charles W5COV
Topic: 234 Message: 237

I have an HW-8 , that I use when the QRP guys need a contact from this county .
No real complaints about it . It has been on the bench for several years , with no problems . It had been modified with a speaker in the top cover and a single transistor to drive it . That is a nice modification .
The only real complaint I have seen about them , is that the tuning capacitor is a bit fragile , so one wants to be careful with it at the stops .
Lots of fun .

Charlie , W5COV

238. Phone CX on Sunday

Yahoo group: heathkitnovicestations
Date: 2008-09-21 05:11:47 UTC
From: JAMES HANLON
Topic: 238 Message: 238

Y'all,

I just woke up and realized that the phone (AM, SSB and FM) section of the Classic Exchange is running this Sunday, September 22, from 9 a.m. Eastern Time to 3 a.m. Eastern Time on Monday morning. You can get more information at the CX website at http://qsl.asti.com/CX/sept08announcement.html .

Hope to see you there,

Jim, W8KGI

239. FS: Heathkit Cantenna

Yahoo group: heathkitnovicestations
Date: 2008-09-22 00:13:35 UTC
From: Bry Carling
Topic: 239 Message: 239

FOR SALE: Heathkit Cantenna dummy load.

Resistors in great shape. No oil. you can just add any
mineral oil.

Available for $19.00 plus shipping

240. FS: LACING CORD

Yahoo group: heathkitnovicestations
Date: 2008-09-22 12:32:13 UTC
From: Bry Carling
Topic: 240 Message: 240

FOR SALE:

Lacing Cord for wiring harnesses in radio and other
electronic equipment. For a professional finish, you get
that wonderful, professional, "original equipment" appearance.
Great for homebrew and repairs.

A spool should last a long time.... two types available...

These are natural color (cream) and around 1/8" wide.

250 yard spool of unwaxed lacing cord - $12.00

300 yards of WAXED lacing cord - $15.00

Shipping additional.

73 - Brian, AF4K

241. FS: Tube Tester

Yahoo group: heathkitnovicestations
Date: 2008-09-29 18:02:23 UTC
From: Bry Carling
Topic: 241 Message: 241

FOR SALE:

Accurate Instrument Co. Model 151 Tube Tester with full instruction manual.

Very good, working condition.

Available for $39.00 plus shipping.

Picture available on request.

73 - Bry, AF4K

242. Re: Novice

Yahoo group: heathkitnovicestations
Date: 2008-10-05 23:48:14 UTC
From: JAMES HANLON
Topic: 242 Message: 242

Dick,

The heathkitnovicestations@yahoogroups.com group is, of course, one of the Yahoo Groups. I'll forward your note to them and see if someone can answer your question with info on how to subscribe. Or perhaps knowing that much you can go on and sign yourself up.

I'll look for you on the CW CX on the 18th of this month.

Jim, W8KGI

----- Original Message -----
From: <DGEORDAN@...>
To: <w8kgi@...>
Sent: Sunday, October 05, 2008 4:43 PM
Subject: Novice

> Hi Jim ...
>
> I just read your ER article on the HR-10 ... nice writeup. I have one that
> I
> use with my original DX-60A I built in the 60's ... exclusively for
> "AM".
> The DX-60A drives a hme-brw pair of 811's when the band is not so hot.
>
> Anyway, per your article ... how do I find out about the "Heathkit Novice
> Station" Internet reflector that you mentioned?
>
> My original CALL was WN6SGJ in 1952 ... I now live in Vancouver, WA
> (across
> the Columbia River from Portland) with W6SGJ as a /7. We've worked a
> couple
> of times on CRX when I was down in Covina, CA.
>
> vy 73, Dick ... W6SGJ/7
>
>
>
> **********New MapQuest Local shows what's happening at your
> destination.
> Dining, Movies, Events, News & more. Try it out!
> (http://local.mapquest.com/?ncid=emlcntnew00000001)
>

243. Current Activity?

Yahoo group: heathkitnovicestations
Date: 2008-10-08 21:56:59 UTC
From: Bob Macklin
Topic: 243 Message: 243

What's happening. O ther than during contests it has been pretty quiet here on the PNW.

Other members of the local ham club have also noted how quiet it is execpt during contests.

Bob Macklin
K5MYJ

244. At last 1700 kHz crystals.

Yahoo group: heathkitnovicestations
Date: 2008-10-08 23:53:16 UTC
From: Bry Carling
Topic: 244 Message: 244

FOR SALE - New Ham Radio Crystals

HC13/U Crystals (tall HC6U) on 100 kHz - available for $19.00 each

HC6/U Crystals on 455 kHz - available for $19.00 each

FT-243 Crystals on 1000 kHz - available for $19.00 each

HC6/U Crystals on 1700 kHz - available for $19.00 each

FT-243 Crystals on 1700 kHz - available for $19.00 each

All of the above rated for 20 pF load and 30 ppm tolerance at 25 degrees C.

(COMPARE - INRAD SELLS THE HC13U CRYSTALS FOR $35.00 EACH)

Pictures and details at:
http://www.af4k.com/crystals.htm#CAL

245. Re: Current Activity?

Yahoo group: heathkitnovicestations
Date: 2008-10-09 01:34:54 UTC
From: Steven S. Coles
Topic: 243 Message: 245

Bob,

Yesterday pQRP had a fun meeting at Crystal Creek Café in Bothell near Canyon Park. About a dozen amateur radio operators and builders attended. A number of them get on the air at least weekly.

I've never attended the Maple Valley Amateur Radio Club (MVARC), KC7KEY. But they hang together well enough to conduct antenna-building classes. Their two-meter net is simplex. They have a web page at

http://www.kc7key.org/

There's some activity. But it seems hard to guess the times and frequencies where it will show up.

73,

Steven, KD7YTE

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin" <macklinbob@...> wrote:
>
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> here on the PNW.
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> execpt during contests.
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> Bob Macklin
> K5MYJ
>

246. Re: [heathkitnovicestations] Current Activity?

Yahoo group: heathkitnovicestations
Date: 2008-10-09 01:48:59 UTC
From: k0ng@inebraska.com
Topic: 243 Message: 246

Everybody is on the internet so no ham activity (:>} .
73, K0NG ..

247. Re: [heathkitnovicestations] Current Activity?

Yahoo group: heathkitnovicestations
Date: 2008-10-09 01:53:15 UTC
From: Bob Macklin
Topic: 243 Message: 247

That's what I've been thinking!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: k0ng@inebraska.com
To: heathkitnovicestations@yahoogroups.com ; Bob Macklin
Sent: Wednesday, October 08, 2008 6:48 PM
Subject: Re: [heathkitnovicestations] Current Activity?

Everybody is on the internet so no ham activity (:>} .
73, K0NG ..

248. Re: [heathkitnovicestations] Re: Current Activity?

Yahoo group: heathkitnovicestations
Date: 2008-10-09 01:51:50 UTC
From: Bob Macklin
Topic: 243 Message: 248

Steven,

I have known about the Maple Valley Club's net but the signal down here in the valley is too weak.

I went to the Mike & Key meeting in Renton last month and I will probably do it again this month.

It's surprising how little activity I hear until there is a contest. Last weekend there was all kinds of 20M activity. It was a West Coast contest.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Steven S. Coles
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, October 08, 2008 6:34 PM
Subject: [heathkitnovicestations] Re: Current Activity?

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> Other members of the local ham club have also noted how quiet it is
> execpt during contests.
>
> Bob Macklin
> K5MYJ
>

249. FA: Conar 400 Novice Xmtr sent to eBay

Yahoo group: heathkitnovicestations
Date: 2008-10-12 21:42:07 UTC
From: Bry Carling
Topic: 249 Message: 249

For those interested, the Conar 400 Transmitter has now been sent to eBay -

Item number is 110299045969

250. Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-12 21:52:12 UTC
From: Morris Dillingham
Topic: 250 Message: 250

I stumbled upon this interesting diary of several Heath employees.

http://tinyurl.com/4jmlel

Morris

No virus found in this outgoing message.
Checked by AVG - http://www.avg.com
Version: 8.0.173 / Virus Database: 270.8.0/1721 - Release Date: 10/12/2008
12:00 PM

251. Re: Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-14 06:53:23 UTC
From: Adrian James Flynn
Topic: 250 Message: 251

Morris,
Thank you for the link.
I found the stories and Photos to be very interesting and a real
treasure of one of our lost treasures.
Adrian

--- In heathkitnovicestations@yahoogroups.com, "Morris Dillingham"
<mdilli@...> wrote:
>
> I stumbled upon this interesting diary of several Heath employees.
>
> http://tinyurl.com/4jmlel
>

252. REDUCED - CONAR 400 now $59.00

Yahoo group: heathkitnovicestations
Date: 2008-10-14 10:10:29 UTC
From: Bry Carling
Topic: 252 Message: 252

I have reduced the starting price of the mint CONAR 400
TRANSMITTER to just $59.00 - surely someone is
interested in this fun, collectible little rig?

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110299045969

Additional pictures here:

http://www.af4k.com/CONARTX.htm

73 & thanks for looking - AF4K

253. Re: [heathkitnovicestations] Re: Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-14 13:15:37 UTC
From: w7dra@juno.com
Topic: 250 Message: 253
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

254. Re: [heathkitnovicestations] Re: Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-14 13:30:42 UTC
From: Bob Macklin
Topic: 250 Message: 254

I am glad to hear someone is able to operate!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, October 14, 2008 6:15 AM
Subject: Re: [heathkitnovicestations] Re: Heathkit stories

i just used my hw16 in two contests: the Oceania dx contest as an SWL (the contest has an swl section) signals were very poor, but i was able to make 11 "contacts" in the log.

the second one was the CX exchange (a boat anchor contest between old equipment users) and made 5 contacts.

i have the usual cheese photo of me operating the CX exchange if anyone is interested, let me know

mike W7DRA/0

_____
Click here for free information on consolidating your debt.

255. Re: [heathkitnovicestations] Re: Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-14 14:06:48 UTC
From: w7dra@juno.com
Topic: 250 Message: 255
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

256. Re: [heathkitnovicestations] Re: Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-14 14:47:19 UTC
From: Bob Macklin
Topic: 250 Message: 256

Mike,

My understanding is that the further North you are the worse the propagation.

But on major contest days I hear plenty of activity on 40 and 20.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, October 14, 2008 7:06 AM
Subject: Re: [heathkitnovicestations] Re: Heathkit stories

ypou would not believe the number of cw sigs you hear from here in the midwest. at least 10x of what you hear from seattle.....but nothing like europe, there 80cw is wall to wall, first time i listened i thought there was a contest going on but no just the usual eveniing conversations.

i will be back iin seattle tonight, back to empty bands.....

mike w7dra/0

-- "Bob Macklin" <macklinbob@...> wrote:

I am glad to hear someone is able to operate!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, October 14, 2008 6:15 AM
Subject: Re: [heathkitnovicestations] Re: Heathkit stories

i just used my hw16 in two contests: the Oceania dx contest as an SWL (the contest has an swl section) signals were very poor, but i was able to make 11 "contacts" in the log.

the second one was the CX exchange (a boat anchor contest between old equipment users) and made 5 contacts.

i have the usual cheese photo of me operating the CX exchange if anyone is interested, let me know

mike W7DRA/0

_____
Click here for free information on consolidating your debt.

_____
Click to lower your debt and consolidate your monthly expenses.

257. Re: [heathkitnovicestations] Re: Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-14 15:32:10 UTC
From: Bry Carling
Topic: 250 Message: 257

That's right, Mike -

Yeah it was similar for me, moving from the Midsouth to DC,
and then from DC to Florida.

In Tennessee we heard at least 2-3 times more signals
on the HF bands than in the DC suburbs.

Moving to Florida was a propagation bust - many of
the bands are dead here or covered with really bad QRN
for 8 months out of the year. I would estimate that you
can hear at least 10 to 20 times more signals throughout
the HF bands in Tennessee versus in Florida! Add to the
that the illegal Latino stations running SSB in the CW bands
and generally QRMing us and it is a formula for frustration.
Oh and don't forget the forbidding climate which brings
down the best of antennas (and trees!) at times, and is
pretty hard to get out in to erect even a wire antenna!

So we REALLY learn to appreciate a good QSO from down here!

> ypou would not believe the number of cw sigs you hear from here in the midwest. at least
10x of
> what you hear from seattle.....but nothing like europe, there 80cw is wall to
wall, first time i
> listened i thought there was a contest going on but no just the usual eveniing
conversations.
>
> i will be back iin seattle tonight, back to empty bands.....
>
> mike w7dra/0
>
> -- "Bob Macklin" <macklinbob@...> wrote:
> I am glad to hear someone is able to operate!
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
> ----- Original Message -----
> From: w7dra@...
> To: heathkitnovicestations@yahoogroups.com
> Cc: heathkitnovicestations@yahoogroups.com
> Sent: Tuesday, October 14, 2008 6:15 AM
> Subject: Re: [heathkitnovicestations] Re: Heathkit stories
>

>
> i just used my hw16 in two contests: the Oceania dx contest as an SWL (the contest has an swl
> section) signals were very poor, but i was able to make 11 "contacts" in the log.
>
> the second one was the CX exchange (a boat anchor contest between old equipment users) and
> made 5 contacts.
>
> i have the usual cheese photo of me operating the CX exchange if anyone is interested, let me
> know
>
> mike W7DRA/0
>
>
> _____
> Click here for free information on consolidating your debt.
>
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>
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> _____
> Click to lower your debt and consolidate your monthly expenses.

258. Re: [heathkitnovicestations] Re: Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-14 15:43:27 UTC
From: Paul Beckwith
Topic: 250 Message: 258

Good to work you again in the CX, Mike. Your HW-16 sounded great out here in AZ.

73's de Paul K2LMQ

At 06:15 AM 10/14/2008, you wrote:

>i just used my hw16 in two contests: the Oceania dx contest as an
>SWL (the contest has an swl section) signals were very poor, but i
>was able to make 11 "contacts" in the log.
>
>
>
>the second one was the CX exchange (a boat anchor contest between
>old equipment users) and made 5 contacts.
>
>
>
>i have the usual cheese photo of me operating the CX exchange if
>anyone is interested, let me know
>
>
>
>mike W7DRA/0
>
>
>_____
><http://thirdpartyoffers.juno.com/TGL2142/fc/Ioyw6i3m2bkct4K6ND6tKNKdC9KP4SkBgPyciqVVJFK9kR3ZFxao9b/>Click
>here for free information on consolidating your debt.
>

259. W7DRA? Re: [heathkitnovicestations] Re: Heathkit stories

Yahoo group: heathkitnovicestations
Date: 2008-10-15 02:45:15 UTC
From: Tom NØJMY - AAR7FV
Topic: 259 Message: 259

What's a cheese photo, Master? Or did you mean cheesecake?

Igor

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, October 14, 2008 8:15 AM
Subject: Re: [heathkitnovicestations] Re: Heathkit stories

i just used my hw16 in two contests: the Oceania dx contest as an SWL (the contest has an swl section) signals were very poor, but i was able to make 11 "contacts" in the log.

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i have the usual cheese photo of me operating the CX exchange if anyone is interested, let me know

mike W7DRA/0

_____
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260. Fw: [AMSWAP] F/S HR-10B

Yahoo group: heathkitnovicestations
Date: 2008-10-15 20:08:46 UTC
From: Bob Macklin
Topic: 260 Message: 260

Anyone want a HR-10?

----- Original Message -----
From: Bob Peters
To: amswap@... ; Boatanchors
Sent: Wednesday, October 15, 2008 1:00 PM
Subject: [AMSWAP] F/S HR-10B

Hi Guys and Gals. I have a very nice HR-10b with the manual that does need recapping For Sale. Will sell it for $75.00 plus shipping from Dallas. Cosmetically it is a strong 9. Any takers???

Very Best 73's,

Bob W1PE

Mesquite,TX

www.w1pe.com

_____
AMSWAP mailing list
Home: http://mailman.qth.net/mailman/listinfo/amswap
Help: http://mailman.qth.net/mmmain.htm
Post: mailto:AMSWAP@...

261. CONAR 400 Ends Today

Yahoo group: heathkitnovicestations
Date: 2008-10-18 12:16:07 UTC
From: Bry Carling
Topic: 261 Message: 261

>FOR AUCTION: Extra nice, clean, working CONAR 400 NOVICE TRANSMITTER.
>Collector quality - take a look...
>
>eBay auction Item Number: 110299045969
>
>Thanks for looking & 73 !!

Last day for this one! And STILL ONLY $60.00 - what a deal!

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110299045969
>FOR AUCTION: Extra nice, clean, working CONAR 400 NOVICE TRANSMITTER.
>Collector quality - take a look...
>
>eBay auction Item Number: 110299045969
>
>Thanks for looking & 73 !!

Last day for this one! And STILL ONLY $60.00 - what a deal!

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110299045969

262. Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-18 21:25:10 UTC
From: Jim
Topic: 262 Message: 262

Hi Guys,
My name is Jim and the call is VE3DDY.
I've been a Ham since '56 so I'm one of those guys that probably
predates even Heathkit.
I've currently swapped for a Comanche/ Cheyenne combo and look forward
to hanging out here.
I know some of Ya'all from other sites.
Jim VE3DDY

263. Re: [heathkitnovicestations] Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-19 03:55:27 UTC
From: JAMES HANLON
Topic: 262 Message: 263

Jim,

Welcome to the group. I think you will find that we are friendly and helpful.

Having said that, I do have to tell you that you don't predate Heathkit. Per Chuck Penson's book, "Heathkit, a Guide to the Amateur Radio Products," Edward Heath founded the Heath Aeroplane Company around the turn of the (20th) century. In 1926 Heath offered an airplane in kit form. Heath was killed in a crash in 1931, and the company eventually floundered and went bankrupt, to be purchased in 1935 by Howard Anthony. After WWII, Anthony acquired a large stock of war-surplus parts including several thousand 5 inch CRT's. In 1947 the Heath Company offered its first kit product, a five inch oscilloscope. On the strength of a single ad in Electronics, orders poured in by the hundreds. By the end of 1948, Heath offered kits including the oscilloscope and an electronic switch for it, a condenser checker, VTVM, RF signal generator, sine and square wave audio generator, and a sweep generator. Heath's first entry into ham radio proper was the AT-1 transmitter that came out at Christmas, 1951. Next was the DX-100 in 1955, a year before you were licensed. Your Commanche and Cheyenne were offered from 1959 through 1962.

So much for history. Keep us up to date on how well the Commanche and Cheyenne work.

73,

Jim, W8KGI

264. FA: 3 -way antenna switch

Yahoo group: heathkitnovicestations
Date: 2008-10-19 12:15:05 UTC
From: Bry Carling
Topic: 264 Message: 264

Here's a nice 3-way antenna switch going cheap...

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110301348233

265. Re: [heathkitnovicestations] Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-19 14:33:40 UTC
From: wa5pok@peoplepc.com
Topic: 262 Message: 265

Hi Jim!

My AT1, DX40, VF1 and GR64 welcomes you to the list!

73, Mike WA5POK

>
> Hi Guys,
> My name is Jim and the call is VE3DDY.
> I've been a Ham since '56 so I'm one of those guys that probably
> predates even Heathkit. I've currently swapped for a Comanche/
> Cheyenne combo and look forward to hanging out here. I know some of
> Ya'all from other sites. Jim VE3DDY
>
>

266. Re: [heathkitnovicestations] Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-19 16:06:56 UTC
From: Ray
Topic: 262 Message: 266

Hello Jim,
I along with my Commanche and Cheyenne combo also welcome you to the list.

Ray, W5XE

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115
ARCI-5784 fp #111 NCT2R El Paso,(FAR WEST) TEXAS

267. Re: Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-23 18:39:10 UTC
From: Jim
Topic: 262 Message: 267

Guys, I've been looking through some of the old handbooks at the beautifully made tube gear that was so desirable in times past and I could almost cry for the loss.
Sure, Ive come up through the solid state age and in fact was senior designer for a major military company. I've built some exotic SS rigs of my own design.
I own several brands of rice boxes but have gravitated back to the old AN/GRC-9 and heathkit rigs.
I guess beauty is in the eye of the beholder.
Jim VE3DDY

268. Re: [heathkitnovicestations] Re: Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-23 19:56:11 UTC
From: N2EY@aol.com
Topic: 262 Message: 268

What loss?

Most of the manufactured and kit stuff we see in the old handbooks can still be had used, and still be made to work well. Most of the homebrew stuff can be duplicated with a little ingenuity.

Sure, it will cost more than it did back then. But, adjusted for inflation, it's not that bad, and we have parts, tools and resources undreamed of then.?I became a ham in 1967, and according to the inflation calculators $100 in 1967 equals about $600 today.

73 de Jim, N2EY

-----Original Message-----
From: Jim <portdoverbells@...>

Guys, I've been looking through some of the old handbooks at the
beautifully made tube gear that was so desirable in times past and I
could almost cry for the loss.
Sure, Ive come up through the solid state age and in fact was senior
designer for a major military company. I've built some exotic SS rigs
of my own design.
I own several brands of rice boxes but have gravitated back to the old
AN/GRC-9 and heathkit rigs.
I guess beauty is in the eye of the beholder.
Jim VE3DDY

269. Re: [heathkitnovicestations] Re: Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-23 20:56:06 UTC
From: Bob Macklin
Topic: 262 Message: 269

In the 70's I moved to SS gear as I was design engineer and was doing everything (mostly) in SS after the mid 60's.

But I 73 I did a tube unit. It was an ultrasonic unit. It was a nominal 1MHz 6146 rig. Similar to a CW transmitter. But no band switching.

Today I like restoring tube gear because the parts are large enough for these old eyes to work with.

I also find it easier to restore an old tube rig rather than try and accumulate parts to HB.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Jim
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, October 23, 2008 11:39 AM
Subject: [heathkitnovicestations] Re: Newbie from VE3DDY

Guys, I've been looking through some of the old handbooks at the beautifully made tube gear that was so desirable in times past and I could almost cry for the loss.
Sure, Ive come up through the solid state age and in fact was senior designer for a major military company. I've built some exotic SS rigs of my own design.
I own several brands of rice boxes but have gravitated back to the old AN/GRC-9 and heathkit rigs.
I guess beauty is in the eye of the beholder.
Jim VE3DDY

270. Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-23 23:07:34 UTC
From: Steven S. Coles
Topic: 270 Message: 270

Grinding Junk Crystals to 40 Meters
All,

Here's a web site where WA4QAL describes grinding 6-MHz FT-243 crystals up to the 40-meter band.

http://pw1.netcom.com/~wa4qal/crystal.htm

Apparently, the FT-243 crystals are worth watching for at ham fests and swap meets. They are what I used in my Heathkit DX-40, Benton Harbor Lunch Box, and homebrew 6-meter transmitter. Presumably, crystals a little shy of 8400 MHz could be ground up to that frequency (AM calling I believe).

73,

Steven

271. Re: [heathkitnovicestations] Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-23 23:22:02 UTC
From: Paul Beckwith
Topic: 270 Message: 271

Great info. Thanks, Steven!!

73's de Paul K2LMQ Kingman, AZ.

At 04:07 PM 10/23/2008, Steven S. Coles wrote:

>Grinding Junk Crystals to 40 Meters
>All,
>
>Here's a web site where WA4QAL describes grinding 6-MHz FT-243 crystals
>up to the 40-meter band.
>
><http://pw1.netcom.com/~wa4qal/crystal.htm>http://pw1.netcom.com/~wa4qal/crystal.htm
>
>Apparently, the FT-243 crystals are worth watching for at ham fests and
>swap meets. They are what I used in my Heathkit DX-40, Benton Harbor
>Lunch Box, and homebrew 6-meter transmitter. Presumably, crystals a
>little shy of 8400 MHz could be ground up to that frequency (AM calling
>I believe).
>
>73,
>
>Steven

272. Re: [heathkitnovicestations] Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-23 23:29:26 UTC
From: bcarling@cfl.rr.com
Topic: 270 Message: 272

NOT easy, but it CAN be done. You will probbly break a few in the process.

It is far easioer to "PEN" them down in frequency, if you only need to go down about 1 to 25 kHz....

This PENNING process is described by a ham in the U.K. on his web site.

I have available quartz blanks for FT243 cases and also a ton of crystals between 6 and 8 MHz

--

Best regards - Brian Carling

---- "Steven S. Coles" <steven_coles@...> wrote:
> Grinding Junk Crystals to 40 Meters
> All,
>
> Here's a web site where WA4QAL describes grinding 6-MHz FT-243 crystals
> up to the 40-meter band.
>
> http://pw1.netcom.com/~wa4qal/crystal.htm
>
> Apparently, the FT-243 crystals are worth watching for at ham fests and
> swap meets. They are what I used in my Heathkit DX-40, Benton Harbor
> Lunch Box, and homebrew 6-meter transmitter. Presumably, crystals a
> little shy of 8400 MHz could be ground up to that frequency (AM calling
> I believe).
>
> 73,
>
> Steven
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

273. Re: [heathkitnovicestations] Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-23 23:29:28 UTC
From: bcarling@cfl.rr.com
Topic: 270 Message: 273

NOT easy, but it CAN be done. You will probbly break a few in the process.

It is far easioer to "PEN" them down in frequency, if you only need to go down about 1 to 25 kHz....

This PENNING process is described by a ham in the U.K. on his web site.

I have available quartz blanks for FT243 cases and also a ton of crystals between 6 and 8 MHz

--

Best regards - Brian Carling

---- "Steven S. Coles" <steven_coles@...> wrote:
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> All,
>
> Here's a web site where WA4QAL describes grinding 6-MHz FT-243 crystals
> up to the 40-meter band.
>
> http://pw1.netcom.com/~wa4qal/crystal.htm
>
> Apparently, the FT-243 crystals are worth watching for at ham fests and
> swap meets. They are what I used in my Heathkit DX-40, Benton Harbor
> Lunch Box, and homebrew 6-meter transmitter. Presumably, crystals a
> little shy of 8400 MHz could be ground up to that frequency (AM calling
> I believe).
>
> 73,
>
> Steven
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>
>

274. Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-23 23:44:28 UTC
From: Steven S. Coles
Topic: 270 Message: 274

Paul,

Thank you. But all the credit belongs to Dave Glass WA4QAL.

Brian,

Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes great care. However, as an impatient early teen (almost before quartz existed) I ground a few using abrasive cleanser and picture-fame glass. I could raise the frequency about 100 kHz before I dinged up the crystal too much for it to oscillate. I don't remember any actually breaking.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, <bcarling@...> wrote:
>
> NOT easy, but it CAN be done. You will probbly break a few in the process.
>
> It is far easioer to "PEN" them down in frequency, if you only need to go
> down about 1 to 25 kHz....
>
> This PENNING process is described by a ham in the U.K. on his web site.
>
> I have available quartz blanks for FT243 cases and also a ton of crystals between
> 6 and 8 MHz
>
> --
>
> Best regards - Brian Carling
>
>
> ---- "Steven S. Coles" <steven_coles@...> wrote:
> > Grinding Junk Crystals to 40 Meters
> > All,
> >
> > Here's a web site where WA4QAL describes grinding 6-MHz FT-243 crystals
> > up to the 40-meter band.
> >

> > http://pw1.netcom.com/~wa4qal/crystal.htm
> >
> > Apparently, the FT-243 crystals are worth watching for at ham
fests and
> > swap meets. They are what I used in my Heathkit DX-40, Benton
Harbor
> > Lunch Box, and homebrew 6-meter transmitter. Presumably,
crystals a
> > little shy of 8400 MHz could be ground up to that frequency (AM
calling
> > I believe).
> >
> > 73,
> >
> > Steven
> >
> >
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> > ----------
> >
> > Yahoo! Groups Links
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>

275. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-23 23:53:25 UTC
From: Bob Macklin
Topic: 270 Message: 275

We did this in the 50's with valve grinding compound.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Steven S. Coles
To: heathkitnovicestations@...m
Sent: Thursday, October 23, 2008 4:44 PM
Subject: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Paul,

Thank you. But all the credit belongs to Dave Glass WA4QAL.

Brian,

Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes
great care. However, as an impatient early teen (almost before
quartz existed) I ground a few using abrasive cleanser and picture-
fame glass. I could raise the frequency about 100 kHz before I
dinged up the crystal too much for it to oscillate. I don't remember
any actually breaking.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, <bcarling@...> wrote:
>
> NOT easy, but it CAN be done. You will probbly break a few in the
process.
>
> It is far easioer to "PEN" them down in frequency, if you only need
to go
> down about 1 to 25 kHz....
>
> This PENNING process is described by a ham in the U.K. on his web
site.
>
> I have available quartz blanks for FT243 cases and also a ton of
crystals between
> 6 and 8 MHz
>
> --

>
> Best regards - Brian Carling
>
>
> ---- "Steven S. Coles" <steven_coles@...> wrote:
> > Grinding Junk Crystals to 40 Meters
> > All,
> >
> > Here's a web site where WA4QAL describes grinding 6-MHz FT-243
crystals
> > up to the 40-meter band.
> >
> > http://pw1.netcom.com/~wa4qal/crystal.htm
> >
> > Apparently, the FT-243 crystals are worth watching for at ham
fests and
> > swap meets. They are what I used in my Heathkit DX-40, Benton
Harbor
> > Lunch Box, and homebrew 6-meter transmitter. Presumably,
crystals a
> > little shy of 8400 MHz could be ground up to that frequency (AM
calling
> > I believe).
> >
> > 73,
> >
> > Steven
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
>

276. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 00:06:22 UTC
From: Ray
Topic: 270 Message: 276

Jeweler's rouge works well as does Bon Ami, Ajax or other powder cleansers.

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115
ARCI-5784 fp #111 NCT2R El Paso,(FAR WEST) TEXAS

277. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 00:07:26 UTC
From: Carl
Topic: 270 Message: 277

Ive never understood the fascination (or is it obsession) with crystals for transmitting. The day my General arrived in 1956 I was VFO controlled on HF and havent looked back since. That first VFO was a rather Drifty DX-100 which was rapidly replaced with a Johnson Viking I and 122 VFO. By 1964 I was on 6 and 2M SSB using an ARC-5 VFO into a CE 10A as the 20M exciter.

These days it is so simple to build a stable VFO with SS and even tubes, or even to cobble up an ARC-5.

Carl
KM1H

----- Original Message -----
From: "Steven S. Coles" <steven_coles@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Thursday, October 23, 2008 7:44 PM
Subject: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Paul,

Thank you. But all the credit belongs to Dave Glass WA4QAL.

Brian,

Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes great care. However, as an impatient early teen (almost before quartz existed) I ground a few using abrasive cleanser and picture-fame glass. I could raise the frequency about 100 kHz before I dinged up the crystal too much for it to oscillate. I don't remember any actually breaking.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, <bcarling@...> wrote:
>
> NOT easy, but it CAN be done. You will probbly break a few in the process.
>
> It is far easioer to "PEN" them down in frequency, if you only need to go
> down about 1 to 25 kHz....
>
> This PENNING process is described by a ham in the U.K. on his web

site.
>
> I have available quartz blanks for FT243 cases and also a ton of
crystals between
> 6 and 8 MHz
>
> --
>
> Best regards - Brian Carling
>
>
> ---- "Steven S. Coles" <steven_coles@...> wrote:
> > Grinding Junk Crystals to 40 Meters
> > All,
> >
> > Here's a web site where WA4QAL describes grinding 6-MHz FT-243
crystals
> > up to the 40-meter band.
> >
> > http://pw1.netcom.com/~wa4qal/crystal.htm
> >
> > Apparently, the FT-243 crystals are worth watching for at ham
fests and
> > swap meets. They are what I used in my Heathkit DX-40, Benton
Harbor
> > Lunch Box, and homebrew 6-meter transmitter. Presumably,
crystals a
> > little shy of 8400 MHz could be ground up to that frequency (AM
calling
> > I believe).
> >
> > 73,
> >
> > Steven
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

278. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 00:08:31 UTC
From: Bob Macklin
Topic: 270 Message: 278

I remember "Dutch Boy"!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Ray
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, October 23, 2008 5:06 PM
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Jeweler's rouge works well as does Bon Ami, Ajax or other powder cleansers.

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115
ARCI-5784 fp #111 NCT2R El Paso,(FAR WEST) TEXAS

279. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 00:28:19 UTC
From: Jon M. Schumacher
Topic: 270 Message: 279

Quartz crystals take up less space than a hi-Q tank circuit with a double bearing capacitor. Even so, long live the ARC-5 VFO!

Jon, K1NV

280. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 01:30:56 UTC
From: Glen Zook
Topic: 270 Message: 280

When the crystal stops oscillating then grind the edges at an angle. That will usually bring them back.

Glen, K9STH

Website: http://k9sth.com

--- On Thu, 10/23/08, Steven S. Coles <steven_coles@...> wrote:
From: Steven S. Coles <steven_coles@...>
Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes

great care. However, as an impatient early teen (almost before

quartz existed) I ground a few using abrasive cleanser and picture-

fame glass. I could raise the frequency about 100 kHz before I

dinged up the crystal too much for it to oscillate. I don't remember

any actually breaking.

281. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 01:35:22 UTC
From: Bob Macklin
Topic: 270 Message: 281

Does anyone remember having (or seeing) a FT-243 case with a screw in it to TWEAK the frequency of a crystal?

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, October 23, 2008 6:30 PM
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

When the crystal stops oscillating then grind the edges at an angle. That will usually bring them back.

Glen, K9STH

Website: http://k9sth.com

--- On Thu, 10/23/08, Steven S. Coles <steven_coles@...> wrote:

From: Steven S. Coles <steven_coles@...>

Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes great care. However, as an impatient early teen (almost before quartz existed) I ground a few using abrasive cleanser and picture-fame glass. I could raise the frequency about 100 kHz before I dinged up the crystal too much for it to oscillate. I don't remember any actually breaking.

282. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 01:41:58 UTC
From: Glen Zook
Topic: 270 Message: 282

They were pretty common back in the 1940s and 1950s. I do make a kit which replaces the metal cover on an FT-243 with a larger plastic sheet and a nylon screw. However, it is not on my website right now. $12.00 postpaid CONUS.

Glen, K9STH

Website: http://k9sth.com

--- On Thu, 10/23/08, Bob Macklin <macklinbob@...> wrote:
From: Bob Macklin <macklinbob@msn.com>
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
To: heathkitnovicestations@yahoogroups.com
Date: Thursday, October 23, 2008, 8:35 PM

Does anyone remember having (or seeing) a FT-243 case with
a screw in it to TWEAK the frequency of a crystal?

283. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 01:51:13 UTC
From: Bob Macklin
Topic: 270 Message: 283

I think I remember that in some transmitters if you put the FT-243 crystal in the wrong way the metal cover was HOT!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, October 23, 2008 6:41 PM
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

They were pretty common back in the 1940s and 1950s. I do make a kit which replaces the metal cover on an FT-243 with a larger plastic sheet and a nylon screw. However, it is not on my website right now. $12.00 postpaid CONUS.

Glen, K9STH

Website: http://k9sth.com

--- On Thu, 10/23/08, Bob Macklin <macklinbob@...> wrote:

From: Bob Macklin <macklinbob@...>
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
To: heathkitnovicestations@yahoogroups.com
Date: Thursday, October 23, 2008, 8:35 PM

Does anyone remember having (or seeing) a FT-243 case with a screw in it to TWEAK the frequency of a crystal?

284. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 02:02:42 UTC
From: Glen Zook
Topic: 270 Message: 284

Only if the rubber insulator between the cover and the spring holding the upper metal plate against the crystal itself is faulty in "regular" FT-243 crystals. On the "rubber crystals" (the ones with the screw in the plate) there was supposed to be an insulator on the end of the screw if the screw was conductive. Many of the "rubber crystals" had bakelite screws.

Glen, K9STH

Website: http://k9sth.com

--- On Thu, 10/23/08, Bob Macklin <macklinbob@...> wrote:
From: Bob Macklin <macklinbob@...>
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
To: heathkitnovicestations@yahoogroups.com
Date: Thursday, October 23, 2008, 8:51 PM

I think I remember that in some transmitters if you put
the FT-243 crystal in the wrong way the metal cover was HOT!

285. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 02:09:45 UTC
From: Bob Macklin
Topic: 270 Message: 285

I guess I had seen FT-243 crystals that were assembled without an insulator between the electrode and the cover. But that experience was 50 years ago.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, October 23, 2008 7:02 PM
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Only if the rubber insulator between the cover and the spring holding the upper metal plate against the crystal itself is faulty in "regular" FT-243 crystals. On the "rubber crystals" (the ones with the screw in the plate) there was supposed to be an insulator on the end of the screw if the screw was conductive. Many of the "rubber crystals" had bakelite screws.

Glen, K9STH

Website: http://k9sth.com

--- On Thu, 10/23/08, Bob Macklin <macklinbob@...> wrote:

From: Bob Macklin <macklinbob@...>
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
To: heathkitnovicestations@yahoogroups.com
Date: Thursday, October 23, 2008, 8:51 PM

I think I remember that in some transmitters if you put the FT-243 crystal in the wrong way the metal cover was HOT!

286. Re: [heathkitnovicestations] Digest Number 49

Yahoo group: heathkitnovicestations
Date: 2008-10-24 08:29:25 UTC
From: Howard W3CQH
Topic: 286 Message: 286

Heathkit Novice StationsRe: Grinding Junk Crystals to 40 Meters
Posted by: "Carl" km1h@... geoff8122
Thu Oct 23, 2008 5:07 pm (PDT)
I've never understood the fascination (or is it obsession) with crystals for transmitting. The day my General arrived in 1956 I was VFO controlled on HF and haven't looked back since. That first VFO was a rather Drifty DX-100 which was rapidly replaced with a Johnson Viking I and 122 VFO. By 1964 I was on 6 and 2M SSB using an ARC-5 VFO into a CE 10A as the 20M exciter.

These days it is so simple to build a stable VFO with SS and even tubes, or even to cobble up an ARC-5.

Carl
KM1H

Yes - Carl, you are right - but then you take the fun of it for the "novice builder or newbie" coming into "ham radio" in today's day and age, not having going through the episodes of yonder years as a lot of us did when we first started out!

To everybody else - your all right - any kind of powered soap, grinding paste, rouge, etc.

I used to grind for 6 & 2 mtrs.

best 73's de Howard W3CQH

287. Re: [heathkitnovicestations] Digest Number 49

Yahoo group: heathkitnovicestations
Date: 2008-10-24 10:59:26 UTC
From: bcarling@cfl.rr.com
Topic: 286 Message: 287

--
Howard - don't be surprised if Carl, KM1H statrs harrassing you.

He has attcked me and another guy in a couple of other groups.
I don't respond to him any more, but he IS looking for
and argument and can become very threatening. I just save his e-mails
in a folder for my attorney and for the FBI in case he turns violent.

Best regards - Brian Carling

---- Howard W3CQH <hsgorden@...> wrote:
> Heathkit Novice StationsRe: Grinding Junk Crystals to 40 Meters
> Posted by: "Carl" km1h@... geoff8122
> Thu Oct 23, 2008 5:07 pm (PDT)
> I've never understood the fascination (or is it obsession) with crystals for transmitting. The day my General arrived in 1956 I was VFO controlled on HF and haven't looked back since. That first VFO was a rather Drifty DX-100 which was rapidly replaced with a Johnson Viking I and 122 VFO. By 1964 I was on 6 and 2M SSB using an ARC-5 VFO into a CE 10A as the 20M exciter.
>
> These days it is so simple to build a stable VFO with SS and even tubes, or even to cobble up an ARC-5.
>
> Carl
> KM1H
>
> Yes - Carl, you are right - but then you take the fun of it for the "novice builder or newbie" coming into "ham radio" in today's day and age, not having going through the episodes of yonder years as a lot of us did when we first started out!
>
> To everybody else - your all right - any kind of powered soap, grinding paste, rouge, etc.
>
> I used to grind for 6 & 2 mtrs.
>
> best 73's de Howard W3CQH

288. Why Crystals?

Yahoo group: heathkitnovicestations
Date: 2008-10-24 11:20:18 UTC
From: N2EY@aol.com
Topic: 288 Message: 288

There's a whole bunch of reasons to use crystal control, even today

First off is the historic connection to our Novice days (this is a Novice-station group, after all) when crystal control was a requirement. Back then many of us were limited to a few or maybe even just one crystal, so info that tells us how to have a whole pile is welcome. We can then have the pile of rocks we always wanted, and no worries about being off frequency.

Second is the simplicity/practicality aspect. There are lots of extremely-simple classic rig designs that use crystal control, some of which can't really be adapted well to VFO (like the AC-1 / slatboard /QSL-40 designs). More complex designs usually involve the VFO as a separate unit, so it's logical to start out with the basic rig and add on things like a VFO and modulator once it's working. Plus if you have a couple of xtals around, they can be a tool for troubleshooting (is it the rig or the VFO?) .

Third is the challenge, particularly in a world where most folks have transceivers and expect a response within a Hz or two of their frequency. "If it were easy, everybody would do it".

Fourth is the scrounger/contrarian instinct. In today's throw-away society, there's something delightfully counterculture about building a rig out of old parts meant for a completely different purpose. Reground xtals is just part of that game.

There's also the grinding/etching of xtals for purposes other than direct transmitting, such as filters, receive converters, frequency standards, etc.

--

WA4QAL's website mentions ammonium biflouride as well as grinding. In the classic etch-your-own articles, ammonium biflouride is used as an etchant rather than grinding. It is my understanding that a major reason for the swap was that it was easier to maintain activity by etching.

HOWEVER, ammonium biflouride is nasty stuff, and must be handled with great care. But that's true of a lot of things.

In the old days the ammonium biflouride was supplied dry, in flakes which were then dissolved in water to make the etching solution. Today, the only source I know of is in a paste sold in art stores, used for etching glass. Seems to me the paste could be dissolved in water too, and used as in the old days.

73 de Jim, N2EY

**********Play online games for FREE at Games.com! All of your favorites, no registration required and great graphics - check it out! (http://pr.atwola.com/promoclk/100000075x1211202682x1200689022/aol?redir=

http://www.games.com?ncid=emlcntusgame00000001)

289. VFO's etc

Yahoo group: heathkitnovicestations
Date: 2008-10-24 14:28:57 UTC
From: Carl
Topic: 289 Message: 289

Howard, I'm not suggesting that crystals dont have their place. Its fun to build and experiment but conditions are not the same as the 50's.

Back then the Novice was often using a S-38 something or other, S-40, S-53, ARC-5, or something else that was as broad as a barn door. You didnt even have to touch the dial to hear a caller 5+ kc away.

After all, the purpose of building or using an old style rig today is to communicate and not waste time trying to get the attention of the other guy a few kc away using his sharp CW filter. You can only call CQ so many times before frustration sets in, even with a memory keyer! That was a prime reason for dropping the xtal control requirement from the Novice. Granted, stability and not drifting out of the Novice band was a reason for the initial rule. So therefore a VFO is still within the purview of the forum.

A reasonable compromise is to use VXO control with just a few switch selected rocks. Those who prefer the ultra simple, strictly one rock at a time rig can continue doing whatever they prefer if thats their idea of enjoyment. After all, not everyone likes chocolate or vanilla ice cream.

The often used rigs here range from self excited PP 211's on 80M that have worked quite a lot of DX the past year, early and late model Meissner Signal Shifters, Heath, and Johnson VFO's. The early Meissners run barefoot at about 6W and Ive even built a set of coils for 30 and 17M. Restoring and stabilizing those late 1930's rigs was my idea of fun (; and more time consuming than grinding a few rocks. The various receivers used are all period correct.

And yes, Ive done my share of grinding in the past, especially for 6 & 2M before going SSB. Im still on 6 & 2M AM but with the Clegg Zeus and Interceptor Ive had for about 20 years.

Carl
KM1H

----- Original Message -----
From: "Howard W3CQH" <hsgorden@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Friday, October 24, 2008 4:29 AM
Subject: Re: [heathkitnovicestations] Digest Number 49

Heathkit Novice StationsRe: Grinding Junk Crystals to 40 Meters
Posted by: "Carl" km1h@... geoff8122
Thu Oct 23, 2008 5:07 pm (PDT)
I've never understood the fascination (or is it obsession) with crystals

for transmitting. The day my General arrived in 1956 I was VFO controlled on HF and haven't looked back since. That first VFO was a rather Drifty DX-100 which was rapidly replaced with a Johnson Viking I and 122 VFO. By 1964 I was on 6 and 2M SSB using an ARC-5 VFO into a CE 10A as the 20M exciter.

These days it is so simple to build a stable VFO with SS and even tubes, or even to cobble up an ARC-5.

Carl
KM1H

Yes - Carl, you are right - but then you take the fun of it for the "novice builder or newbie" coming into "ham radio" in today's day and age, not having going through the episodes of yonder years as a lot of us did when we first started out!

To everybody else - your all right - any kind of powered soap, grinding paste, rouge, etc.

I used to grind for 6 & 2 mtrs.

best 73's de Howard W3CQH

290. Re: [heathkitnovicestations] Digest Number 49

Yahoo group: heathkitnovicestations
Date: 2008-10-24 14:36:51 UTC
From: Carl
Topic: 286 Message: 290

Wow, what a fruitcake!

Bry, MANY have become frustrated with your constant pimping of your commercial business on several forums. And MANY have asked you to stop, including forum owners.

So take your lying self elsewhere and dont try to ruin another fine forum with your your lies and distortions.

You know what you can do with that folder.....

Carl
KM1H

----- Original Message -----
From: <bcarling@...>
To: <heathkitnovicestations@yahoogroups.com>
Cc: "Howard W3CQH" <hsgorden@...>
Sent: Friday, October 24, 2008 6:59 AM
Subject: Re: [heathkitnovicestations] Digest Number 49

>
> --
> Howard - don't be surprised if Carl, KM1H statrs harrassing you.
>
> He has attcked me and another guy in a couple of other groups.
> I don't respond to him any more, but he IS looking for
> and argument and can become very threatening. I just save his e-mails
> in a folder for my attorney and for the FBI in case he turns violent.
>
> Best regards - Brian Carling
>
>
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>> Carl
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>> Yes - Carl, you are right - but then you take the fun of it for the
>> "novice builder or newbie" coming into "ham radio" in today's day and
>> age, not having going through the episodes of yonder years as a lot
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>> To everybody else - your all right - any kind of powered soap,
>> grinding paste, rouge, etc.
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>> I used to grind for 6 & 2 mtrs.
>>
>> best 73's de Howard W3CQH
>
>

291. Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 14:40:41 UTC
From: Steven S. Coles
Topic: 270 Message: 291

Carl,

I have a different reason. As an early teen ham ca 1960 I didn't have your mechanical skills. Every VFO I built was been too drifty for any other ham to put up with. After listening to attempts drift out of my AR-3's band pass, I never put them on the air.

Steven, KD7YTE

--- In heathkitnovicestations@yahoogroups.com, "Carl" <km1h@...> wrote:
>
> Ive never understood the fascination (or is it obsession) with crystals
> for transmitting. The day my General arrived in 1956 I was VFO
> controlled on HF and havent looked back since. That first VFO was a
> rather Drifty DX-100 which was rapidly replaced with a Johnson Viking I
> and 122 VFO. By 1964 I was on 6 and 2M SSB using an ARC-5 VFO into a CE
> 10A as the 20M exciter.
>
> These days it is so simple to build a stable VFO with SS and even tubes,
> or even to cobble up an ARC-5.
>
> Carl
> KM1H
>
> ----- Original Message -----
> From: "Steven S. Coles" <steven_coles@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Thursday, October 23, 2008 7:44 PM
> Subject: [heathkitnovicestations] Re: Grinding Junk Crystals to 40
> Meters
>
>
> Paul,
>
> Thank you. But all the credit belongs to Dave Glass WA4QAL.
>
> Brian,
>
> Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes
> great care. However, as an impatient early teen (almost before
> quartz existed) I ground a few using abrasive cleanser and picture-

> fame glass. I could raise the frequency about 100 kHz before I
> dinged up the crystal too much for it to oscillate. I don't
remember
> any actually breaking.
>
> 73,
>
> Steven
>
> --- In heathkitnovicestations@yahoogroups.com, <bcarling@> wrote:
> >
> > NOT easy, but it CAN be done. You will probbly break a few in the
> process.
> >
> > It is far easioer to "PEN" them down in frequency, if you only
need
> to go
> > down about 1 to 25 kHz....
> >
> > This PENNING process is described by a ham in the U.K. on his web
> site.
> >
> > I have available quartz blanks for FT243 cases and also a ton of
> crystals between
> > 6 and 8 MHz
> >
> > --
> >
> > Best regards - Brian Carling
> >
> >
> > ---- "Steven S. Coles" <steven_coles@> wrote:
> > > Grinding Junk Crystals to 40 Meters
> > > All,
> > >
> > > Here's a web site where WA4QAL describes grinding 6-MHz FT-243
> crystals
> > > up to the 40-meter band.
> > >
> > > http://pw1.netcom.com/~wa4qal/crystal.htm
> > >
> > > Apparently, the FT-243 crystals are worth watching for at ham
> fests and
> > > swap meets. They are what I used in my Heathkit DX-40, Benton
> Harbor
> > > Lunch Box, and homebrew 6-meter transmitter. Presumably,
> crystals a
> > > little shy of 8400 MHz could be ground up to that frequency (AM
> calling
> > > I believe).

```
> > >
> > > 73,
> > >
> > > Steven
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> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
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292. Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 14:43:24 UTC
From: Steven S. Coles
Topic: 270 Message: 292

Glenn,

Thank you. I'll add that to my hints and kinks folder.

73,

Steven, KD7YTE

--- In heathkitnovicestations@yahoogroups.com, Glen Zook <gzook@...>
wrote:
>
> When the crystal stops oscillating then grind the edges at an
angle. That will usually bring them back.
>
> Glen, K9STH
>
>
>
> Website: http://k9sth.com
>
> --- On Thu, 10/23/08, Steven S. Coles <steven_coles@...> wrote:
> From: Steven S. Coles <steven_coles@...>
> Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes
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> great care. However, as an impatient early teen (almost before
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> quartz existed) I ground a few using abrasive cleanser and picture-
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> fame glass. I could raise the frequency about 100 kHz before I
>
> dinged up the crystal too much for it to oscillate. I don't
remember
>
> any actually breaking.
>
>
>
>

293. emails

Yahoo group: heathkitnovicestations
Date: 2008-10-24 14:54:02 UTC
From: DGEORDAN@aol.com
Topic: 293 Message: 293

I'm receiving way too many emails from this Novice group. Please remove me from the list, thank you.

W6SGJ
**********Play online games for FREE at Games.com! All of your favorites, no registration required and great graphics - check it out! (http://pr.atwola.com/promoclk/100000075x1211202682x1200689022/aol?redir=http://www.games.com?ncid=emlcntusgame00000001)

294. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 14:57:47 UTC
From: Bry Carling
Topic: 270 Message: 294

Yes, I have seen one. They are very few and far between. Most
of them ended up in trash cans years ago. You had a good
chance of breaking the crystal with those things. Eventually
someone would get hold of them that got carried away
and tightened the screw too far into the case and... POW!

>
> Does anyone remember having (or seeing) a FT-243 case with a screw in it to TWEAK the
> frequency of a crystal?
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
> ----- Original Message -----
> From: Glen Zook
> To: heathkitnovicestations@yahoogroups.com
> Sent: Thursday, October 23, 2008 6:30 PM
> Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
>
> When the crystal stops oscillating then grind the edges at an angle. That will usually
bring them
> back.
>
> Glen, K9STH
>
> Website: http://k9sth.com
>
> --- On Thu, 10/23/08, Steven S. Coles <steven_coles@...> wrote:
> From: Steven S. Coles <steven_coles@...>
> Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes
> great care. However, as an impatient early teen (almost before
> quartz existed) I ground a few using abrasive cleanser and picture-
> fame glass. I could raise the frequency about 100 kHz before I
> dinged up the crystal too much for it to oscillate. I don't remember
> any actually breaking.
>
>
>
>
>

295. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 14:59:22 UTC
From: Bry Carling
Topic: 270 Message: 295

A few crystals were made that way, where the front metal
cover was actually connected through a spring to the electrode.

This was only done in a TINY number of the FT243 crystals.
Most of us will never see one. A few larger crystals had
this arrangement too, but again, nit very many at all.

> I think I remember that in some transmitters if you put the FT-243 crystal in the wrong way the
> metal cover was HOT!
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
> ----- Original Message -----
> From: Glen Zook
> To: heathkitnovicestations@yahoogroups.com
> Sent: Thursday, October 23, 2008 6:41 PM
> Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
>
> They were pretty common back in the 1940s and 1950s. I do make a kit which replaces the
> metal cover on an FT-243 with a larger plastic sheet and a nylon screw. However, it is not on my
> website right now. $12.00 postpaid CONUS.
>
> Glen, K9STH
>
> Website: http://k9sth.com
>
> --- On Thu, 10/23/08, Bob Macklin <macklinbob@...> wrote:
> From: Bob Macklin <macklinbob@...>
> Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
> To: heathkitnovicestations@yahoogroups.com
> Date: Thursday, October 23, 2008, 8:35 PM
>
> Does anyone remember having (or seeing) a FT-243 case with a screw in it to TWEAK the
> frequency of a crystal?
>
>
>
>
>
>
>

296. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 15:00:10 UTC
From: Bry Carling
Topic: 270 Message: 296

Interesting - I have seen many thousands of FT243 crystals
but none have ever had a bakelite screw. That must be very rare
indeed.

> Only if the rubber insulator between the cover and the spring holding the upper metal
plate
> against the crystal itself is faulty in "regular" FT-243 crystals. On the "rubber
crystals" (the ones
> with the screw in the plate) there was supposed to be an insulator on the end of the
screw if the
> screw was conductive. Many of the "rubber crystals" had bakelite screws.
>
> Glen, K9STH
>
> Website: http://k9sth.com
>
> --- On Thu, 10/23/08, Bob Macklin <macklinbob@...> wrote:
> From: Bob Macklin <macklinbob@...>
> Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
> To: heathkitnovicestations@yahoogroups.com
> Date: Thursday, October 23, 2008, 8:51 PM
>
> I think I remember that in some transmitters if you put the FT-243 crystal in the wrong
way the
> metal cover was HOT!
>
>
>
>
>
>
>

297. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 15:02:11 UTC
From: Bry Carling
Topic: 270 Message: 297

The ones I saw had a little TINY spring in one corner and contacted
into a round hole in the case which was connected to the pin on
that side. Contact was then made via the little spring to the metal
top of the case (the large front cover) which in turn contacted the
elecxtrode on top of the crystal. I think that there was only one
brand that made those. It was a brown bakelite case. I can find out
when I ssee some more form my pile.

Bry, AF4K

> I guess I had seen FT-243 crystals that were assembled without an insulator between the
> electrode and the cover. But that experience was 50 years ago.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
> ----- Original Message -----
> From: Glen Zook
> To: heathkitnovicestations@yahoogroups.com
> Sent: Thursday, October 23, 2008 7:02 PM
> Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
>
> Only if the rubber insulator between the cover and the spring holding the upper metal
plate
> against the crystal itself is faulty in "regular" FT-243 crystals. On the "rubber
crystals" (the ones
> with the screw in the plate) there was supposed to be an insulator on the end of the
screw if the
> screw was conductive. Many of the "rubber crystals" had bakelite screws.
>
> Glen, K9STH
>
> Website: http://k9sth.com
>
> --- On Thu, 10/23/08, Bob Macklin <macklinbob@...> wrote:
> From: Bob Macklin <macklinbob@...>
> Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
> To: heathkitnovicestations@yahoogroups.com
> Date: Thursday, October 23, 2008, 8:51 PM
>
> I think I remember that in some transmitters if you put the FT-243 crystal in the wrong
way the
> metal cover was HOT!
>

>
>
>
>

298. Re: [heathkitnovicestations] emails

Yahoo group: heathkitnovicestations
Date: 2008-10-24 15:15:15 UTC
From: Bob Macklin
Topic: 293 Message: 298

I changed it so you will not get emails but you can access the group on the web:

http://groups.yahoo.com/group/heathkitnovicestations/

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: DGEORDAN@...
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, October 24, 2008 7:54 AM
Subject: [heathkitnovicestations] emails

I'm receiving way too many emails from this Novice group. Please remove me from the list, thank you.

W6SGJ

Play online games for FREE at Games.com! All of your favorites, no registration required and great graphics – check it out!

299. Re: [heathkitnovicestations] Why Crystals?

Yahoo group: heathkitnovicestations
Date: 2008-10-24 15:19:33 UTC
From: JAMES HANLON
Topic: 288 Message: 299

The Ammonium Biflouride etch was used to stabilize the crystals after they were ground. Ground crystals had a habit of drifting up in frequency after several months, and the etch cured that problem.

Jim, W8KGI

300. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 15:24:46 UTC
From: Carl
Topic: 270 Message: 300

My early VFO attempts were about the same as yours Steve which is why I opted for the hugely dissapointing DX-100 and then the Johnson 122.

Working in a body shop part time (my friends dad owned it) from age 16 may have honed mechanical skills but it sure didnt work with a VFO.

It wasnt until I went to work at National Radio, after a stint in the Navy, that I learned some of the black arts.

My more recent crystal grinding was aimed at building filters that actually worked as intended thanks to the excellent articles by Hayward and others.

Carl
KM1H

----- Original Message -----
From: "Steven S. Coles" <steven_coles@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Friday, October 24, 2008 10:40 AM
Subject: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Carl,

I have a different reason. As an early teen ham ca 1960 I didn't have your mechanical skills. Every VFO I built was been too drifty for any other ham to put up with. After listening to attempts drift out of my AR-3's band pass, I never put them on the air.

Steven, KD7YTE

--- In heathkitnovicestations@yahoogroups.com, "Carl" <km1h@...> wrote:
>
> Ive never understood the fascination (or is it obsession) with crystals
> for transmitting. The day my General arrived in 1956 I was VFO
> controlled on HF and havent looked back since. That first VFO was a
> rather Drifty DX-100 which was rapidly replaced with a Johnson Viking I
> and 122 VFO. By 1964 I was on 6 and 2M SSB using an ARC-5 VFO into a CE
> 10A as the 20M exciter.
>
> These days it is so simple to build a stable VFO with SS and even tubes,

> or even to cobble up an ARC-5.
>
> Carl
> KM1H
>
> ----- Original Message -----
> From: "Steven S. Coles" <steven_coles@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Thursday, October 23, 2008 7:44 PM
> Subject: [heathkitnovicestations] Re: Grinding Junk Crystals to 40
> Meters
>
>
> Paul,
>
> Thank you. But all the credit belongs to Dave Glass WA4QAL.
>
> Brian,
>
> Moving crystal frequencies as far as Dave Glass, WA4QAL, does takes
> great care. However, as an impatient early teen (almost before
> quartz existed) I ground a few using abrasive cleanser and picture-
> fame glass. I could raise the frequency about 100 kHz before I
> dinged up the crystal too much for it to oscillate. I don't
remember
> any actually breaking.
>
> 73,
>
> Steven
>
> --- In heathkitnovicestations@yahoogroups.com, <bcarling@> wrote:
> >
> > NOT easy, but it CAN be done. You will probbly break a few in the
> process.
> >
> > It is far easioer to "PEN" them down in frequency, if you only
need
> to go
> > down about 1 to 25 kHz....
> >
> > This PENNING process is described by a ham in the U.K. on his web
> site.
> >
> > I have available quartz blanks for FT243 cases and also a ton of
> crystals between
> > 6 and 8 MHz
> >
> > --
> >

> > Best regards - Brian Carling
> >
> >
> > ---- "Steven S. Coles" <steven_coles@> wrote:
> > > Grinding Junk Crystals to 40 Meters
> > > All,
> > >
> > > Here's a web site where WA4QAL describes grinding 6-MHz FT-243
> crystals
> > > up to the 40-meter band.
> > >
> > > http://pw1.netcom.com/~wa4qal/crystal.htm
> > >
> > > Apparently, the FT-243 crystals are worth watching for at ham
> fests and
> > > swap meets. They are what I used in my Heathkit DX-40, Benton
> Harbor
> > > Lunch Box, and homebrew 6-meter transmitter. Presumably,
> crystals a
> > > little shy of 8400 MHz could be ground up to that frequency (AM
> calling
> > > I believe).
> > >
> > > 73,
> > >
> > > Steven
> > >
> > >
> > >
> > >
> > > ----------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
>

301. DX-100 vfo

Yahoo group: heathkitnovicestations
Date: 2008-10-24 15:39:57 UTC
From: JAMES HANLON
Topic: 301 Message: 301

I've seen several posts saying that the DX-100 vfo is unstable. My DX-100 has a very stable vfo, quite a bit more so than the one in my Valiant which has slow drift upward for at least an hour after turn-on. The two Johnson vfo's I'm using with my Viking II and my Adventurer have the same characteristic. The Heath VF-1 that I use with my Viking I is similar in stability to the DX-100 vfo. I differential key my DX-100 for QSK, and the note is clean with no chirp as well.

Must be that DX-100's are individual beasties.

Jim, W8KGI

302. Re: [heathkitnovicestations] DX-100 vfo

Yahoo group: heathkitnovicestations
Date: 2008-10-24 15:55:19 UTC
From: Glen Zook
Topic: 301 Message: 302

Everything is relative! The DX-100 / DX-100B / VF-1 VFOs were relatively stable back in the 1950s but today are fairly drifty in comparison to "modern" equipment. There are some things that can be done to greatly stabilize the VFO.

The first is to replace the 6AU6 oscillator tube with a 6AH6. This is a direct replacement and helps stabilize the VFO considerably. Heath had to do this in the Apache VFO for use on SSB with the SB-10. The earlier Apache transmitters were generally not that stable and Heath discovered that by using a 6AH6 the VFO stabilized considerably.

The second is to replace the 0A2 screen regulator on the VFO tube with an 0B2. This drops the screen voltage to 108 volts regulated and definitely stabilizes the VFO even more.

Finally, if you slightly modify the VFO by regulating the plate voltage to 150 volts (this is a good place for the 0A2 removed from the screen circuit) the VFO stabilizes even more.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 10/24/08, JAMES HANLON <knjhanlon@msn.com> wrote:
From: JAMES HANLON <knjhanlon@...>
Subject: [heathkitnovicestations] DX-100 vfo
To: "heathkitnovicestations" <heathkitnovicestations@yahoogroups.com>
Date: Friday, October 24, 2008, 10:39 AM

I've seen several posts saying that the DX-100 vfo is unstable. My DX-100 has a very stable vfo, quite a bit more so than the one in my Valiant which has slow drift upward for at least an hour after turn-on. The two Johnson vfo's I'm using with my Viking II and my Adventurer have the same characteristic. The Heath VF-1 that I use with my Viking I is similar in stability to the DX-100 vfo. I differential key my DX-100 for QSK, and the note is clean with no chirp as well.

Must be that DX-100's are individual beasties.

303. Re: [heathkitnovicestations] DX-100 vfo

Yahoo group: heathkitnovicestations
Date: 2008-10-24 16:17:29 UTC
From: Carl
Topic: 301 Message: 303

The DX-100 I built was one of the very early ones and may have had later updates. But between the drift which made 20M and above a chore to operate and my ability to fry 6146's at will, it soon became history. I sort of remember receiving mail from Heath but not the details.

Never had a VF-1 but the Johnson 122 I had then, and the one I use theses days with another Viking I, drift is not a problem. I use a 6BH6 to stabilize as was written up in the mags 40-50 years ago. A slight nod at modern technology replaced VR tubes with 5W zeners. The HG-10B/DX-60 has also succumbed to zeners even tho it is used only on AM for now.

Carl
KM1H

----- Original Message -----
From: "JAMES HANLON" <knjhanlon@...>
To: "heathkitnovicestations" <heathkitnovicestations@yahoogroups.com>
Sent: Friday, October 24, 2008 11:39 AM
Subject: [heathkitnovicestations] DX-100 vfo

I've seen several posts saying that the DX-100 vfo is unstable. My DX-100 has a very stable vfo, quite a bit more so than the one in my Valiant which has slow drift upward for at least an hour after turn-on. The two Johnson vfo's I'm using with my Viking II and my Adventurer have the same characteristic. The Heath VF-1 that I use with my Viking I is similar in stability to the DX-100 vfo. I differential key my DX-100 for QSK, and the note is clean with no chirp as well.

Must be that DX-100's are individual beasties.

Jim, W8KGI

304. Re: DX-100 vfo

Yahoo group: heathkitnovicestations
Date: 2008-10-24 16:19:41 UTC
From: Steven S. Coles
Topic: 301 Message: 304

All,

To generalize from Glen's comments:

I've worked for technology manufacturing industries much of the last 31 years. Nearly every technical product exhibits varying performance. (Industries regulated by the FAA, FCC, FDA, and military hold tighter consistency than others. But even these have small variations.) Usually, low serial numbers have bugs. Reputable companies (such as Heathkit) respond to bug reports with design improvements. (If I remember correctly Heathkit sometimes supplied retro-fit kits.) At some point a design becomes mostly stable and works consistently for perhaps five years.

Toward a product's end of life components become obsolete with increasing frequency. Management has purchasing locate substitute components. Sometimes the substitute components perform differently from the mid-product-life components. Therefore, overall product performance becomes less consistent.

Neither manufacturers nor customers like inconsistency. Inconsistencies increase production-testing costs. But engineers don't have crystal balls. Nobody knows what components will be discontinued over a seven-year period. So inconsistency is a fact of life.

In the case of the DX-100 comparing close-up digital photographs might reveal the difference between different-performing VFOs. To make an inexpensive digital photo hold a hand lens so it focuses a lamp (not the sun!) onto an opposite wall. Measure the distance with the sharpest focus. Mount the hand lens that distance from the circuit to be photographed. Take the photo through the hand lens.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, Glen Zook <gzook@...>
wrote:
>
> Everything is relative! The DX-100 / DX-100B / VF-1 VFOs were relatively stable back in the 1950s but today are fairly drifty in comparison to "modern" equipment. There are some things that can be done to greatly stabilize the VFO.
>
> The first is to replace the 6AU6 oscillator tube with a 6AH6. This is a direct replacement and helps stabilize the VFO considerably.

Heath had to do this in the Apache VFO for use on SSB with the SB-10. The earlier Apache transmitters were generally not that stable and Heath discovered that by using a 6AH6 the VFO stabilized considerably.
>
> The second is to replace the 0A2 screen regulator on the VFO tube with an 0B2. This drops the screen voltage to 108 volts regulated and definitely stabilizes the VFO even more.
>
> Finally, if you slightly modify the VFO by regulating the plate voltage to 150 volts (this is a good place for the 0A2 removed from the screen circuit) the VFO stabilizes even more.
>
> Glen, K9STH
>
>
>
> Website: http://k9sth.com
>

305. Re: [heathkitnovicestations] DX-100 vfo

Yahoo group: heathkitnovicestations
Date: 2008-10-24 16:45:30 UTC
From: JAMES HANLON
Topic: 301 Message: 305

My DX-100 is one of the earlier ones judging from the loading control which is labeled "Loading Coarse." Speaking of Heath providing updates, the fixed and variable loading capacitors were replaced by a single, variable loading capacitor which I understand is characteristic of the later production models. My rig is hardly pristine. It has an extra Heath DX-100 meter dedicated to 6146 plate current mounted on the top, right-hand side of the panel in a spot balanced with the multimeter and also a Spot switch mounted underneath that meter in a position balanced with the multimeter switch on the left side. It also has black, Collins 32V-like knobs all around. I picked it up off the tarmac at the Dayton Hamvention many years ago. I felt it kinda needed me. But I love it all the same.

Jim, W8KGI

----- Original Message -----
From: Carl<mailto:km1h@...>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Friday, October 24, 2008 10:17 AM
Subject: Re: [heathkitnovicestations] DX-100 vfo

The DX-100 I built was one of the very early ones and may have had later updates. But between the drift which made 20M and above a chore to operate and my ability to fry 6146's at will, it soon became history. I sort of remember receiving mail from Heath but not the details.

Never had a VF-1 but the Johnson 122 I had then, and the one I use theses days with another Viking I, drift is not a problem. I use a 6BH6 to stabilize as was written up in the mags 40-50 years ago. A slight nod at modern technology replaced VR tubes with 5W zeners. The HG-10B/DX-60 has also succumbed to zeners even tho it is used only on AM for now.

Carl
KM1H

----- Original Message -----
From: "JAMES HANLON" <knjhanlon@...<mailto:knjhanlon%40msn.com>>
To: "heathkitnovicestations"
<heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations%40yahoogroups.com>>
Sent: Friday, October 24, 2008 11:39 AM
Subject: [heathkitnovicestations] DX-100 vfo

I've seen several posts saying that the DX-100 vfo is unstable. My DX-100 has a very stable vfo, quite a bit more so than the one in my Valiant which has slow drift upward for at least an hour after turn-on. The two Johnson vfo's I'm using with my Viking II and my Adventurer have the same characteristic. The Heath VF-1 that I use with my Viking I is similar in stability to the DX-100 vfo. I differential key my DX-100 for QSK, and the note is clean with no chirp as well.

Must be that DX-100's are individual beasties.

Jim, W8KGI

306. Simple VFOs

Yahoo group: heathkitnovicestations
Date: 2008-10-24 17:21:30 UTC
From: N2EY@aol.com
Topic: 270 Message: 306

There are some good and some not-so-good VFO designs.

Two suggestions:

In QST about 1962, W1ICP described "An Easy To Build VFO". Besides being electrically simple, it required only very basic mechanical skills to build.

The book "Command Sets", put out by the folks who published CQ, is a compilation of many good articles on the ARC-5 series. One really good article describes how to cut down a Command set transmitter to be a compact and good-performing VFO, without a lot of mechanical skills or special tools. The book can be downloaded in PDF from the "glowbugs" website (15 MB) and has lots of good info. I've used the idea to save lots of mechanical work on VFOs.

73 de Jim, N2EY

-----Original Message-----
From: Steven S. Coles <steven_coles@...>
To: heathkitnovicestations@yahoogroups.com
Se

?Every VFO I built was been too drifty
for any other ham to put up with. After listening to attempts drift
out of my AR-3's band pass, I never put them on the air.

nt: Fri, 24 Oct 2008 10:40 am

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1

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.

307. Re: [heathkitnovicestations] Digest Number 49

Yahoo group: heathkitnovicestations
Date: 2008-10-24 17:22:49 UTC
From: Howard W3CQH
Topic: 286 Message: 307

Hey Guys -

I only meant to comment on something that Carl and a few others posted - I
didn't come here to start a flame war.

Bry - I have had conversations with you over the past years, and Carl - I
have had conversations with you over the past years..

So therefore please take me out of the middle!

73's de Howard W3CQH
Moderator - HeathKit-Radios-1
<HeathKit-Radios-1@yahoogroups.com>
Where we only speak "HEATHKIT"

----- Original Message -----
From: "Carl" <km1h@...>
To: <heathkitnovicestations@yahoogroups.com>
Cc: "Howard W3CQH" <hsgorden@...>
Sent: Friday, October 24, 2008 10:36 AM
Subject: Re: [heathkitnovicestations] Digest Number 49

> Wow, what a fruitcake!
>
> Bry, MANY have become frustrated with your constant pimping of your
> commercial business on several forums. And MANY have asked you to stop,
> including forum owners.
>
> So take your lying self elsewhere and dont try to ruin another fine forum
> with your your lies and distortions.
>
> You know what you can do with that folder.....
>
> Carl
> KM1H
>
>
> ----- Original Message -----
> From: <bcarling@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Cc: "Howard W3CQH" <hsgorden@...>
> Sent: Friday, October 24, 2008 6:59 AM
> Subject: Re: [heathkitnovicestations] Digest Number 49
>
>
>>

>> --
>> Howard - don't be surprised if Carl, KM1H statrs harrassing you.
>>
>> He has attcked me and another guy in a couple of other groups.
>> I don't respond to him any more, but he IS looking for
>> and argument and can become very threatening. I just save his e-mails
>> in a folder for my attorney and for the FBI in case he turns violent.
>>
>> Best regards - Brian Carling
>>
>>
>> ---- Howard W3CQH <hsgorden@...> wrote:
>>> Heathkit Novice StationsRe: Grinding Junk Crystals to 40 Meters
>>> Posted by: "Carl" km1h@... geoff8122
>>> Thu Oct 23, 2008 5:07 pm (PDT)
>>> I've never understood the fascination (or is it obsession) with crystals
>>> for transmitting. The day my General arrived in 1956 I was VFO
>>> controlled on HF and haven't looked back since. That first VFO was a
>>> rather Drifty DX-100 which was rapidly replaced with a Johnson Viking I
>>> and 122 VFO. By 1964 I was on 6 and 2M SSB using an ARC-5 VFO into a CE
>>> 10A as the 20M exciter.
>>>
>>> These days it is so simple to build a stable VFO with SS and even tubes,
>>> or even to cobble up an ARC-5.
>>>
>>> Carl
>>> KM1H
>>>
>>> Yes - Carl, you are right - but then you take the fun of it for the
>>> "novice builder or newbie" coming into "ham radio" in today's day and
>>> age, not having going through the episodes of yonder years as a lot of
>>> us did when we first started out!
>>>
>>> To everybody else - your all right - any kind of powered soap, grinding
>>> paste, rouge, etc.
>>>
>>> I used to grind for 6 & 2 mtrs.
>>>
>>> best 73's de Howard W3CQH
>>
>>
>

308. Check Your Radios!

Yahoo group: heathkitnovicestations
Date: 2008-10-24 17:24:20 UTC
From: Bob Macklin
Topic: 308 Message: 308

This weekend is an opportunity to check out your receivers!

It's the CQ WW SSB contest. There will be plenty of activity inspite of the propagation!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

309. Re: [heathkitnovicestations] DX-100 vfo

Yahoo group: heathkitnovicestations
Date: 2008-10-24 17:54:14 UTC
From: Glen Zook
Topic: 301 Message: 309

All of the DX-100 transmitters ("plain" DX-100) came with the fixed capacitor / small variable capacitor antenna loading. Heath came out with the variable loading capacitor modification kit to change the fixed capacitor loading to a 3-section variable. Those units modified to have the continuously variable loading capacitors were unofficially known as DX-100A. As such, the next version of the DX-100 was the DX-100B and it came from the factory with the variable loading capacitor.

The spot switch modification was another kit provided by Heath that also included changing of the CW keying to improve the performance by greatly eliminating the tendency to "chirp". When the modification was done the VFO ran constantly when the transmitter was in the transmit position instead of being keyed in the original condition. This kit was for any of the DX-100 models.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 10/24/08, JAMES HANLON <knjhanlon@msn.com> wrote:
From: JAMES HANLON <knjhanlon@...>
Subject: Re: [heathkitnovicestations] DX-100 vfo
To: heathkitnovicestations@yahoogroups.com
Date: Friday, October 24, 2008, 11:45 AM

My DX-100 is one of the earlier ones judging from the loading control which is labeled "Loading Coarse." Speaking of Heath providing updates, the fixed and variable loading capacitors were replaced by a single, variable loading capacitor which I understand is characteristic of the later production models. My rig is hardly pristine. It has an extra Heath DX-100 meter dedicated to 6146 plate current mounted on the top, right-hand side of the panel in a spot balanced with the multimeter and also a Spot switch mounted underneath that meter in a position balanced with the multimeter switch on the left side. It also has black, Collins 32V-like knobs all around. I picked it up off the tarmac at the Dayton Hamvention many years ago. I felt it kinda needed me. But I love it all the same.

310. Re: [heathkitnovicestations] Digest Number 49

Yahoo group: heathkitnovicestations
Date: 2008-10-24 18:05:03 UTC
From: Carl
Topic: 286 Message: 310

Thank you Howard. And yes we have chatted many times over many years and quite pleasantly.

Carl
KM1H

----- Original Message -----
From: "Howard W3CQH" <hsgorden@...>
To: <heathkitnovicestations@yahoogroups.com>; "Carl" <km1h@...>
Sent: Friday, October 24, 2008 1:22 PM
Subject: Re: [heathkitnovicestations] Digest Number 49

> Hey Guys -
>
> I only meant to comment on something that Carl and a few others
> posted - I
> didn't come here to start a flame war.
>
> Bry - I have had conversations with you over the past years, and
> Carl - I
> have had conversations with you over the past years..
>
> So therefore please take me out of the middle!
>
> 73's de Howard W3CQH
> Moderator - HeathKit-Radios-1
> <HeathKit-Radios-1@yahoogroups.com>
> Where we only speak "HEATHKIT"
>
>
> ----- Original Message -----
> From: "Carl" <km1h@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Cc: "Howard W3CQH" <hsgorden@...>
> Sent: Friday, October 24, 2008 10:36 AM
> Subject: Re: [heathkitnovicestations] Digest Number 49
>
>
>> Wow, what a fruitcake!
>>
>> Bry, MANY have become frustrated with your constant pimping of your
>> commercial business on several forums. And MANY have asked you to
>> stop,
>> including forum owners.
>>

>> So take your lying self elsewhere and dont try to ruin another fine
>> forum
>> with your your lies and distortions.
>>
>> You know what you can do with that folder.....
>>
>> Carl
>> KM1H
>>
>>
>> ----- Original Message -----
>> From: <bcarling@...>
>> To: <heathkitnovicestations@yahoogroups.com>
>> Cc: "Howard W3CQH" <hsgorden@...>
>> Sent: Friday, October 24, 2008 6:59 AM
>> Subject: Re: [heathkitnovicestations] Digest Number 49
>>
>>
>>>
>>> --
>>> Howard - don't be surprised if Carl, KM1H statrs harrassing you.
>>>
>>> He has attcked me and another guy in a couple of other groups.
>>> I don't respond to him any more, but he IS looking for
>>> and argument and can become very threatening. I just save his
>>> e-mails
>>> in a folder for my attorney and for the FBI in case he turns
>>> violent.
>>>
>>> Best regards - Brian Carling
>>>
>>>
>>> ---- Howard W3CQH <hsgorden@...> wrote:
>>>> Heathkit Novice StationsRe: Grinding Junk Crystals to 40 Meters
>>>> Posted by: "Carl" km1h@... geoff8122
>>>> Thu Oct 23, 2008 5:07 pm (PDT)
>>>> I've never understood the fascination (or is it obsession) with
>>>> crystals
>>>> for transmitting. The day my General arrived in 1956 I was VFO
>>>> controlled on HF and haven't looked back since. That first VFO was
>>>> a
>>>> rather Drifty DX-100 which was rapidly replaced with a Johnson
>>>> Viking I
>>>> and 122 VFO. By 1964 I was on 6 and 2M SSB using an ARC-5 VFO into
>>>> a CE
>>>> 10A as the 20M exciter.
>>>>
>>>> These days it is so simple to build a stable VFO with SS and even
>>>> tubes,
>>>> or even to cobble up an ARC-5.

```
>>>>
>>>> Carl
>>>> KM1H
>>>>
>>>> Yes - Carl, you are right - but then you take the fun of it for the
>>>> "novice builder or newbie" coming into "ham radio" in today's day
>>>> and
>>>> age, not having going through the episodes of yonder years as a lot
>>>> of
>>>> us did when we first started out!
>>>>
>>>> To everybody else - your all right - any kind of powered soap,
>>>> grinding
>>>> paste, rouge, etc.
>>>>
>>>> I used to grind for 6 & 2 mtrs.
>>>>
>>>> best 73's de Howard W3CQH
>>>
>>>
>>
>
>
```

311. Re: [heathkitnovicestations] DX-100 vfo

Yahoo group: heathkitnovicestations
Date: 2008-10-24 18:28:35 UTC
From: Bry Carling
Topic: 301 Message: 311

Glenn - wasn't there a dropping resistor that had to be replaced in the VFO too?

Seems like the last DX100 I owned was drifty and I cured it by replacing that resistor that I mounte don the outside of the VFO cage. there was a ham who was selling them specifically for doing just that and I was very pleased to be able to find someone who was selling those a specialty item.

It reminded me of another time I was glad to find a fellow ham selling another such specialty item - the 25 watt pot for the DRIVE control on my Valiant!

Bry, AF4K

> Everything is relative! The DX-100 / DX-100B / VF-1 VFOs were relatively stable back in the 1950s but today are fairly drifty in comparison to "modern" equipment. There are some things that can
> be done to greatly stabilize the VFO.
>
> The first is to replace the 6AU6 oscillator tube with a 6AH6. This is a direct replacement and helps stabilize the VFO considerably. Heath had to do this in the Apache VFO for use on SSB with
> the SB-10. The earlier Apache transmitters were generally not that stable and Heath discovered that by using a 6AH6 the VFO stabilized considerably.
>
> The second is to replace the 0A2 screen regulator on the VFO tube with an 0B2. This drops the screen voltage to 108 volts regulated and definitely stabilizes the VFO even more.
>
> Finally, if you slightly modify the VFO by regulating the plate voltage to 150 volts (this is a good place for the 0A2 removed from the screen circuit) the VFO stabilizes even more.
>
> Glen, K9STH

312. Re: [heathkitnovicestations] DX-100 vfo

Yahoo group: heathkitnovicestations
Date: 2008-10-24 19:03:29 UTC
From: Glen Zook
Topic: 301 Message: 312

The resistor that you are thinking about is in the Johnson Ranger, Valiant, 500, and similar VFOs. However, most experimentation has shown that it really should remain in the VFO compartment. This is because the temperature compensation capacitors were chosen based on the heating supplied by the resistor. Basically, it takes considerably longer for the VFO to stabilize when the resistor is outside of the VFO compartment than when it is in the original position. However, the original resistor was generally too small in its power rating and the accepted replacement is one of higher power dissipation.

Glen, K9STH

Website: http://k9sth.com

--- On Fri, 10/24/08, Bry Carling <bcarling@...> wrote:
From: Bry Carling <bcarling@...>
Subject: Re: [heathkitnovicestations] DX-100 vfo
To: heathkitnovicestations@yahoogroups.com
Date: Friday, October 24, 2008, 1:28 PM

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DRIVE control on my Valiant!

313. Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 21:11:57 UTC
From: Dave
Topic: 270 Message: 313

--- In heathkitnovicestations@yahoogroups.com, "Steven S. Coles" <steven_coles@...> wrote:
>
> Grinding Junk Crystals to 40 Meters
> All,
>
> Here's a web site where WA4QAL describes grinding 6-MHz FT-243 crystals
> up to the 40-meter band.
>
> http://pw1.netcom.com/~wa4qal/crystal.htm
>
> Apparently, the FT-243 crystals are worth watching for at ham fests and
> swap meets. They are what I used in my Heathkit DX-40, Benton Harbor
> Lunch Box, and homebrew 6-meter transmitter. Presumably, crystals a
> little shy of 8400 MHz could be ground up to that frequency (AM calling
> I believe).
>
> 73,
>
> Steven

(Long post warning) :*)

Wheee! What a flurry of activity this post stirred up. So many, that I decided to join and make a few comments. :-)

Firstly, while there are quite a few abrasives which can be used to grind crystals, in my opinion, using anything other than Carborundum powder [1] is a complete waste of time. The grinding rates with abrasives other than Carborundum powder are an order of magnitude (or even two!) less. It may be appropriate if you're only trying to move the frequency a few KHz, but if you're trying to pull a rock a MHz or so, it just isn't worth it.

[1] Carborundum powder is sometimes sold as valve grinding compound. However, there are some references which say not to use this form because it's an "embedding" form, as opposed to the Carborundum powder intended for optical lens grinding use, which is a "non-embedding" form. I'm not real sure what the difference is between these two forms, though.

You will sometimes see some of the old timers recommending things like toothpaste. I have to believe that the formulation of toothpaste has been changed over the years (After all, teeth are softer than Quartz, and would you really want to be grinding your teeth down every time you brushed?).

As for the toughness of Quartz, it is rather hard (7.0 on the Mohs hardness scale), so you really need something harder than it is to cut/grind it. Carborundum, at a hardness of 9.0 is one such material. Diamond dust, at 10.0, would also work, but most of us don't have bags of diamond dust laying around (Carborundum powder is MUCH cheaper, since it is formed synthetically by mixing Silicon and Carbon/graphite in an electric arc furnace.). :*)

While Quartz is quite tough, it is also somewhat brittle. It takes a moderate amount of pressure to grind Quartz, but a small, sharp shock may break/shatter it. So, don't drop the crystal. Don't allow anything to fall onto the crystal. Keep the pressure evenly distributed and avoid sharp points pressing on the crystal. You may eventually break one, but I've had pretty good luck in not breaking too many.

Of course, as the crystals get thinner, they become more delicate. A 1 MHz crystal will take a lot more abuse than a 10 MHz crystal.

Be especially careful of the edges. Small nicks in the edge seem to be especially good at killing the activity of a crystal. Sometimes these can be ground out. Sometimes. Also, for a crystal which has lost it's "activity", sometimes beveling the edges may help. There appears to be some type of geometric relationship between thickness and x/y dimensions that cause certain frequencies to not want to readily oscillate. Sometimes, grinding a bit more will move past the dead spot and restore activity to the crystal. Sometimes, when the activity is restored, you'll be past the frequency you wanted. Whoopsie.

While grinding, go slow, especially as you approach the frequency of interest. Once you've went past that, there isn't much you can do to go back. I've seen some reports that it may be possible to "listen" to the crystal with a sensitive receiver as your grinding it, since the mechanical shock caused by the abrasion can cause the crystal to vibrate, and these vibrations can be picked up by a receiver. I haven't tried this, and tend to be a little skeptical, since surface loading by the grinding abrasive/slurry/debris would tend to make the frequency a little lower than for a clean crystal, but it may work, and may be an interesting technique.

As for penning crystals, Hans Summers has an excellent article about this on his web site:

http://www.hanssummers.com/radio/penning/index.htm

I've done some work with penning, too. But, don't expect to pull a 40 meter (7.x MHz) crystal much more than about 5 KHz or so.

The original material used for penning, which acts by adding mass to the surface of the crystal, was India ink, which is high in Iron content (making it rather heavy/dense). I've also used graphite, although it eventually tends to be dusted off of the surface.

I've penned FT-243 style raw crystals, as well as plated crystals (Actually, the production process for plated crystals calls for varying the plating thickness to pull the crystal to exactly on frequency.). A side effect with plated crystals is that you can sometimes remove a bit of the Silver plating to cause the crystal to slide upwards in frequency. But, in the few cases I've tried, the effect has been limited to a few KHz before the crystal lost activity (because of too much of the plated electrode surface being removed?). One of these days, whenever I have the time, I'd like to try adding some plating material to a plated crystal, probably via electroplating a metal onto the existing electrodes (probably Copper, since that is rather easy to electroplate, although I need to check to see if it's possible to electroplate Copper over Silver first.).

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As for the variable frequency crystals, these were patented by Bliley quite some time ago (1940s?). They have a link to the patent on their web-site:

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As for VFOs, I've had some experience with those, too. That was one of my first projects after the FCC removed the crystal control requirements from the Novice licenses. However, building a stable VFO has some tricks to it that I didn't understand back then. Thermal drift is a problem. It's better to build a VFO that runs

continuously, rather than keying the VFO. But, if you let the VFO run continuously, they tend to produce an excessive backwave that masks the received signal. Of course, the trick is to frequency shift the VFO slightly while receiving so that it's not on the same frequency. However, I didn't know that trick back then. The other trick is to hetrodyne a lower frequency oscillator with a crystal oscillator to achieve greater stability. And, you can then key the mixer, which allows the oscillator to run continuously, yet not produce an objectionable backwave. Of course, this still requires a crystal, so you're back to obtaining a crystal of an appropriate frequency. One final trick with VFO design that I knew about was to keep the power in the oscillator low. That helped, but the thing was still pretty drifty.

The original X-Lap process that Bliley came up with to etch Quartz crystals uses Hydrofluoric Acid. This stuff is extremely lethal! I wouldn't even consider using it in a home lab, or any other place without a trained medical team in the vicinity. And, even if a splash of it doesn't kill you, it'll produce some very painful skin burns that take ages to heal. It's just not worth it, at least to me.

As for the Ammonium Bifluoride etching of Quartz, there's a commercial product that goes by the name of "Armor Etch" that is carried in some craft/hobby stores (e.g., Michaels) for use in glass etching. That material is a rather thick paste. There is a newer material that goes by the name of "Armor Bath" that's supposed to be quite a bit more liquid. I've tried the Armor Etch, and I'd like to try the Armor Etch, but I just haven't had the time/facilities/etc. yet. Of course, with any chemical that can etch something like Quartz, safety is definitely called for. Don't eat the stuff, don't drink it, don't even get it on your skin. Most importantly, read the safety instructions on the package of the stuff, and be alert while you're using it. In other words, think about what you're going to do before you do it, and be prepared for any accidents (But, aren't those good instructions for the rest of life, too?).

It may also be possible to etch Quartz using a strong base solution (e.g, hot, concentrated Sodium Hydroxide?). I haven't tried this, and am a bit reluctant to, since such materials are also quite good about dissolving human flesh (especially eyes!)!

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Oh, for test purposes, I made a jig out of a couple of piece of PC board material, held together with nylon screws and thumb-screws, to test Quartz rocks while grinding them. I used a simple FET Pierce oscillator to test the crystal for frequency with this test jig. It was a lot easier to use than reassembling an FT-243 holder, especially when you consider you may need to test the frequency a few dozen times as you're grinding (at least, initially; once you've ground a few, you start to develop a feel for how many figure-8s it takes to move how many KHz, so you don't need to test quite as often.).

As for a source of Quartz blanks, I bought my from Brian Carling (one of the list members here). I've been very satisfied with them (No, this is not a paid endorsement.).

I'm sure I could think about more things to say about Quartz/crystals, but I'm getting tired of typing. :*)

Dave
WA4QAL

P.S. I've never had the pleasure of running any Heathkit transmitter. But, I did start with a crystal controlled Drake 2-NT transmitter ages ago in my Novice days. And, I do have some other Heathkit equipment (antenna tuners, etc.).

314. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 21:27:51 UTC
From: Bob Macklin
Topic: 270 Message: 314

Until the 50's they did sell "Tooth Powder" for brushing teeth. It felt similar to kitchen cleaning powder like Ajax or Dutch Boy. But it tasted better. I used to brush my teeth with baking soda.

I did some crystals with automotive valve grinding compound of the period.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Dave
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, October 24, 2008 2:11 PM
Subject: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

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It may also be possible to etch Quartz using a strong base solution (e.g, hot, concentrated Sodium Hydroxide?). I haven't tried this, and am a bit reluctant to, since such materials are also quite good about dissolving human flesh (especially eyes!)!

As for FT-243 holders, I don't think that they've been made in quite a number of decades. It's probably worth watching for any that show up if one is interested in doing crystal grinding, since these make a reasonably good mount. I once knew a guy who was looking into making a mold for doing some injection molding with plastic to produce some modern production FT-243 holders, but I haven't heard anything from him for quite some time.

Oh, for test purposes, I made a jig out of a couple of piece of PC board material, held together with nylon screws and thumb-screws, to test Quartz rocks while grinding them. I used a simple FET Pierce oscillator to test the crystal for frequency with this test jig. It was a lot easier to use than reassembling an FT-243 holder, especially when you consider you may need to test the frequency a few dozen times as you're grinding (at least, initially; once you've ground a few, you start to develop a feel for how many figure-8s it takes to move how many KHz, so you don't need to test quite as often.).

As for a source of Quartz blanks, I bought my from Brian Carling (one of the list members here). I've been very satisfied with them (No, this is not a paid endorsement.).

I'm sure I could think about more things to say about Quartz/crystals, but I'm getting tired of typing. :*)

Dave
WA4QAL

P.S. I've never had the pleasure of running any Heathkit transmitter. But, I did start with a crystal controlled Drake 2-NT transmitter ages ago in my Novice days. And, I do have some other Heathkit equipment (antenna tuners, etc.).

315. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 22:24:38 UTC
From: Bry Carling
Topic: 270 Message: 315

Great commentary Dave - where would you buy the
Carborundum powder?

From: "Dave" <wa4qal@...>

> [1] Carborundum powder is sometimes sold as valve grinding compound.
> However, there are some references which say not to use this form
> because it's an "embedding" form, as opposed to the Carborundum
> powder intended for optical lens grinding use, which is a
> "non-embedding" form. I'm not real sure what the difference is
> between these two forms, though.
>
> You will sometimes see some of the old timers recommending things
> like toothpaste. I have to believe that the formulation of
> toothpaste has been changed over the years (After all, teeth are
> softer than Quartz, and would you really want to be grinding your
> teeth down every time you brushed?).
>
> As for the toughness of Quartz, it is rather hard (7.0 on the Mohs
> hardness scale), so you really need something harder than it is to
> cut/grind it. Carborundum, at a hardness of 9.0 is one such
> material. Diamond dust, at 10.0, would also work, but most of us
> don't have bags of diamond dust laying around (Carborundum powder
> is MUCH cheaper, since it is formed synthetically by mixing
> Silicon and Carbon/graphite in an electric arc furnace.). :*)

316. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 22:26:57 UTC
From: JAMES HANLON
Topic: 270 Message: 316

Dave wrote:

I've seen some reports that it may be possible to
"listen" to the crystal with a sensitive receiver as your grinding it,
since the mechanical shock caused by the abrasion can cause the
crystal to vibrate, and these vibrations can be picked up by a
receiver.

I've heard of this too. If I recall correctly, the technique is to put a piece of aluminum foil underneath the glass plate you are using for grinding and attach it to the antenna of your receiver. If someone is currently doing some grinding, please give it a try and let us know if it works.

Jim, W8KGI

317. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 22:27:52 UTC
From: Bry Carling
Topic: 270 Message: 317

From: "Dave" <wa4qal@...>

> I've done some work with penning, too. But, don't expect to pull a
> 40 meter (7.x MHz) crystal much more than about 5 KHz or so.
>
> The original material used for penning, which acts by adding mass
> to the surface of the crystal, was India ink, which is high in Iron
> content (making it rather heavy/dense). I've also used graphite,
> although it eventually tends to be dusted off of the surface.

I have used black felt-tip markers for this purpose, Dave.

I find that if I dab in a thick layer that doing half of one side
will lower the frequency by about 4-5 kHz... doing all of one
side will lower it up to about 8 or 10 kHz. Also, if you add ink
to both side this way, it will lower the frequency as much as
16 to 20 kHz. If you go too far, just wipe off a little with
some solvent to remove the excess ink.

318. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 22:35:44 UTC
From: Bry Carling
Topic: 270 Message: 318

From: "Dave" <wa4qal@...>

> As for FT-243 holders, I don't think that they've been made in quite
> a number of decades. It's probably worth watching for any that show
> up if one is interested in doing crystal grinding, since these make
> a reasonably good mount. I once knew a guy who was looking into
> making a mold for doing some injection molding with plastic to
> produce some modern production FT-243 holders, but I haven't heard
> anything from him for quite some time.

Probably due to the INCREDIBLY large number of FT243s that were produced in earnest by the U.S. Government's QCS program that spawned SO many companies in the 1940s for the war effort. They were making at one point 2.5 MILLION crystals per month! There were some facts and figures on that in an excellent magazine article that I was reading yesterday in QST Magazine for January 2004, page 43 by Richard Thompson: "...And We Had Crystals."

No wonder it was SO easy to acquire WW2 era FT243 crystals when we all had our first stations back in the 1950-1970 heyday of the Heathkit tube rigs, and they're still around in large quantities today.

73 - AF4K, Bry

319. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 22:42:20 UTC
From: Bry Carling
Topic: 270 Message: 319

> I've seen some reports that it may be possible to
> "listen" to the crystal with a sensitive receiver as your grinding it,
> since the mechanical shock caused by the abrasion can cause the
> crystal to vibrate, and these vibrations can be picked up by a
> receiver.
> I've heard of this too. If I recall correctly, the technique is to put a piece of
aluminum foil
> underneath the glass plate you are using for grinding and attach it to the antenna of
your
> receiver. If someone is currently doing some grinding, please give it a try and let us
know if it
> works.
>
> Jim, W8KGI

Correct about the purely mechanical excitation of the rocks...

The aluminum foil idea may in fact work, BUT the way we did it in
the Cathodeon Crystals factory was to grind the crystals in a horizontally
rotating gear-mesh system, where each rotating gear would have say
12 crystals in it, rotating between two heavy steel, precision made plates;
one above and one below, with a slurry of grinding paste in there too.
The two plates were then connected directly to the antenna terminals
of an Eddystone general coverage receiver, and you tuned around
to find the frequency that they were "SINGING" at, which of course was
quote a broad swath if you had something like 72 or 96 pieces of quartz
in there, and not all exactly on the same spot.

So you let the machine run, until they came into the right range where
you wanted them, and you could follow them up the dial. It was really kind
of a neat experience. I only worked there for about 6 months but I got
to try out all these different jobs in the manufacturing process, including
the work with X-rays and micrometers, vacuum pumps etc.

I miss the days when we did some real, serious manufacturing in the
western world!

320. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 22:47:20 UTC
From: Dave
Topic: 270 Message: 320

--- On Fri, 10/24/08, Bry Carling <bcarling@...> wrote:

> From: Bry Carling <bcarling@...>
> Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters
> To: heathkitnovicestations@yahoogroups.com
> Date: Friday, October 24, 2008, 6:24 PM
> Great commentary Dave - where would you buy the
> Carborundum powder?

The stuff I got was part of the "great crystal caper" where we picked up the 600 pounds of FT-241 crystals, along with a drum of optical grade Carborundum powder. There, are of course, other sources, some of which depend on what grit size, and how much of it, you want. There are manufacturers out there that will gladly sell you 300 pound drums of the stuff:

http://www.electroabrasives.com/products.php

But, unless you're grinding a LOT of crystals, you won't need nearly that much. For the few dozen crystals I've ground, I've used maybe an ounce of the stuff (and, I've even been pretty wasteful by using that much!). A little goes a LONG way.

Bearing that in mind, I'd do a search on either "Carborundum" or "Silicon Carbide". You might tack on the "optical" keyword to get the finer stuff. I think the stuff I'm using is 600 grit.

Here's a place with a smaller quantity of coarser stuff:

http://sciencekit.com/carborundum/p/IG0015149/

And, here's a place with some really coarse stuff:

http://www.therockshed.com/grit1.html

Note that it's used for a variety of things, such as rock polishing (lapidary), optical grinding, etc.

The coarser stuff may grind faster, but may be rougher on the crystals, possibly requiring a lighter pressure to avoid edge chipping. Maybe. I haven't used any of the coarser stuff myself.

Dave

321. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 22:45:33 UTC
From: Bob Macklin
Topic: 270 Message: 321

There are 20 auctions on eBay right now for FT-243 crystals.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, October 24, 2008 3:35 PM
Subject: Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

From: "Dave" <wa4qal@...>

> As for FT-243 holders, I don't think that they've been made in quite
> a number of decades. It's probably worth watching for any that show
> up if one is interested in doing crystal grinding, since these make
> a reasonably good mount. I once knew a guy who was looking into
> making a mold for doing some injection molding with plastic to
> produce some modern production FT-243 holders, but I haven't heard
> anything from him for quite some time.

Probably due to the INCREDIBLY large number of FT243s that were produced
in earnest by the U.S. Government's QCS program that spawned SO many
companies in the 1940s for the war effort. They were making at one point
2.5 MILLION crystals per month! There were some facts and figures on
that in an excellent magazine article that I was reading yesterday in
QST Magazine for January 2004, page 43 by Richard Thompson:
"...And We Had Crystals."

No wonder it was SO easy to acquire WW2 era FT243 crystals when we
all had our first stations back in the 1950-1970 heyday of the Heathkit
tube rigs, and they're still around in large quantities today.

73 - AF4K, Bry

322. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 23:06:51 UTC
From: Dave
Topic: 270 Message: 322

--- On Fri, 10/24/08, Dave <wa4qal@...> wrote:

> The stuff I got was part of the "great crystal
> caper" where we picked up
> the 600 pounds of FT-241 crystals, along with a drum of
> optical grade
> Carborundum powder. There, are of course, other sources,
> some of which
> depend on what grit size, and how much of it, you want.
> There are
> manufacturers out there that will gladly sell you 300 pound
> drums of the
> stuff:
>
> http://www.electroabrasives.com/products.php

I forgot to mention that they'll also sell it to you in 2000 pound
"super sacks". :*) They also offer it in 25 kg boxes, and 50 pound
plastic pails, although both of those are likely to be way too much,
unless someone is planning on buying one as a group deal and distributing
it (and, no, I don't know how much they charge for it).

Dave

323. Re: [heathkitnovicestations] Re: Grinding Junk Crystals to 40 Meters

Yahoo group: heathkitnovicestations
Date: 2008-10-24 23:47:52 UTC
From: Rodger
Topic: 270 Message: 323

Jim,

I read an article that mentioned this also and as I recall they used an aluminum plate under the grinding glass and SX-28A receivers were used. Unfortunately I cannot recall the article title but I think it might have been in ER and this technique was used when the final frequency was being approached.

Rodger WQ9E

JAMES HANLON wrote:

Dave wrote:

I've seen some reports that it may be possible to
"listen" to the crystal with a sensitive receiver as your grinding it,
since the mechanical shock caused by the abrasion can cause the
crystal to vibrate, and these vibrations can be picked up by a
receiver.

I've heard of this too. If I recall correctly, the technique is to put a piece of aluminum foil underneath the glass plate you are using for grinding and attach it to the antenna of your receiver. If someone is currently doing some grinding, please give it a try and let us know if it works.

Jim, W8KGI

324. Re: Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-24 23:59:07 UTC
From: Jim
Topic: 262 Message: 324

Hi Guys,
I pickd up my Cheyenne /Comanche combination this afternoon and set it up when I got home again. The receiver worked right off although I can see the necessity for major work on dirty bandswitch and sticky or dirty controls. After all the set has sat around for years and grease has hardened up.
The tuning feels "lumpy" as if there is hard lumps of grease in there somewhere and the "s" meter pins over to the left. That may be a dirty switch or relay contact or a weak tube. Anyhow with a bit of TLC I'll get it performing like new.
Already I see tremendous room for improvement and a need for some better IF or extra audio filtering.
A good audio filter can be added internally by replacing one of the control pots with a unit that has a DPDT switch attached so that it can be used to switch in or out the AF filter.
First job though is to strip off the covers and do some house keeping.
Jim VE3DDY

325. Re: [heathkitnovicestations] Re: Newbie from VE3DDY

Yahoo group: heathkitnovicestations
Date: 2008-10-25 00:25:56 UTC
From: JAMES HANLON
Topic: 262 Message: 325

Jim,

A good external audio filter would be the Autek QF-1A. I have one that I use with my Ten Tec Argonaut. It can be attached directly to the speaker output of the Comanche and it will drive a speaker or phones. It's main filter gives you the choice of Peak, Notch, Low Pass, or High Pass. Associated with that filter are Selectivity and Frequency controls. It also has an auxiliary Notch filter. You can find them from time to time on ebay. You can pick up a manual for the QF-1A at
http://bama.edebris.com/manuals/autek/qf-1a<http://bama.edebris.com/manuals/autek/qf-1a> .

Another nice feature of using something like this is that you won't have to modify your receiver.

Jim, W8KGI

326. HR-10 and DX-60

Yahoo group: heathkitnovicestations
Date: 2008-10-28 15:40:48 UTC
From: Bill Cromwell
Topic: 326 Message: 326

Hi,

I have a Heathkit DX-60 and Heathkit HR-10 with the crystal calibrator. A friend passed them along to me years ago and I loaned them out to new hams over the years. New hams don't have much interest in HF or boat anchors or glowbugs any more. I gave one of the borrowers permission to change one of the bands on the HR-10 to 30 meters. I got it out and tried it. The 20 meter and the 15 meter oscillators are not oscillating. 80, 40, and 10 meters seem to work. The DX-60 worked well the last time I tried it several years ago. There is some corrosion in the receiver but it works and the outer appearance is clean. I haven't looked inside the DX-60 but it seems to be clean... I'll take a look. I restrung the HR-10 dial with new dial string...OK. I'm sure recapping both and tweaking the receiver would be beneficial. The HR-10 does not have all of it's original knobs.

I am never ever going to use these. They need a new home. I will sell or trade. These are not gold plated, mint condition, rare collector items. They are usable Heath radio gear that somebody can use to have fun. I will accept 10 thousand dollars plus shipping and handling but I won't accept the crying and whining afterward when somebody finds out they aren't worth that much. Please make reasonable offers if you really want them. I would prefer local pickup in Michigan. These are not as heavy as a DX-100 (I'm keeping that one) but they are not light either.

For trades... I am a homebrewer and I can always use tuning dial parts, tubes, sockets, coil forms, rf power transistors, or complete, junk radios or test gear for salvage. What do you have?

73,

Bill KU8H

327. Heathkit Comanche MR-1 Receiver distortion.

Yahoo group: heathkitnovicestations
Date: 2008-11-01 22:51:28 UTC
From: Jim
Topic: 327 Message: 327

Hi Gang,
I've been battling distortion in the audio on my newly acquired Comanche receiver.
On 80 meters nearby transmitters would completely overload the rig and even with rf Gain and audio gain turned right down would come blasting through.
After a lot of head scratching I had done the following:
reduced voltage to the Rf amp. (Change a 100 ohm to 22k at the B+ end to the rf coils on the plate of the 6BZ6 Rf amp.)
Changed the AGC constant .(Added 2 mfd to the AGC line . Positive to ground)
Dropped the regulated voltage by substituting an OB2 for the OA2 to get 108 volts on the oscillators and bfo.
Dropping the B+ down to 195 volts got rid of a lot of the heat problems in the set. (At the chassis power plug change the 750 ohm 10 watt resistor to 2k 10 watt.)
The 6AQ5 audio amp was so hot that the chassis surrounding it was almost too hot to touch. This heat affected the adjacent BFO stability.
Finally I noticed that the distortion was very low to non existant on 40 meters but on 80 meters it was still there.
The solution came in detuning the 3 mHz IF stage . Suddenly the distortion stopped . The high gain If stage had a slight tendency to oscillation in it which to a great degree caused the distortion.
Local hams on 75 metrs would trigger the If stage into oscillation.
Some may dispute what I`ve done but I`m happy now and this receiver is a pleasure to listen to.
If anyone has done any mods to the Comanche please lets hear about them.
Jim VE3DDY

328. FS: 455 kHz CW filter Partial Kit $30.00

Yahoo group: heathkitnovicestations
Date: 2008-11-14 16:37:49 UTC
From: Bry Carling
Topic: 328 Message: 328

FOR SALE: 250 Hz CW filter kit for 455 kHz i.f.

Tube buffs' CW filter kit consisting of schematic and simple instructions with two 455 kHz crystals. Add a few parts and voila... single-signal reception...

Proven 1960s design with make a great addition to any ham receiver from the tube era. Or make your own solid state version.

This is an adjustable 250 Hz wide filter. Requires two tubes, 6AK5 and 12AX7 and uses 150V DC, 6.3V AC but no i.f. transformers or coils. Just a few resistors and caps, and two 30 pF trimmers. (also available)

The partial kit consists of two new crystals and the instructions plus a schematic.

Available for $30.00 plus shipping

Reply via e-mail to arrange purchase or for further details.

Details at:
http://www.af4k.com/miscpart.htm

329. FS: DX-60,HR-10, HG-10

Yahoo group: heathkitnovicestations
Date: 2008-11-15 03:00:14 UTC
From: k5seejohn
Topic: 329 Message: 329

Hi all I have a DX60B/ HR10B/HG10B all For Sale. This station is in working condition. It does have the PTT Mod done and a very nice job. The HR10B receives on all bands. It has the 100KC Xtal Cal. Your for $200 or it goes to ebay I will include either a 3.880 or a 3.890 xtal with it It will be packed well for shipping.

Very Best 73's,

Bob W1PE

Mesquite,TX

http://www.w1pe.com

330. What's Happening!

Yahoo group: heathkitnovicestations
Date: 2008-11-20 21:33:23 UTC
From: Bob Macklin
Topic: 330 Message: 330

Where is everyone? What's happening?

Lately I only hear activity during contests. Last weekend I did hear activity (if you can call it that) on 40M SSB and 20M SSB during the contests.

I am now hearing South American (I think) SWBC stations above and below 40M and 20M.

Most evenings I leave a receiver parked on 7030 from about 6PM PT until about 9PM PT. I have not heard anything there in months except during contests.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

331. Re: What's Happening!

Yahoo group: heathkitnovicestations
Date: 2008-11-20 21:48:45 UTC
From: Steven S. Coles
Topic: 330 Message: 331

Bob,

pQRP is trying a new net frequency:

"160 meters on Monday at our "usual" net time of 7 PM. 1813 kHz +/- QRM."

They're had propagation problems the last few weeks.

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin"
<macklinbob@...> wrote:
>
> Where is everyone? What's happening?
>
> Lately I only hear activity during contests. Last weekend I did hear
activity (if you can call it that) on 40M SSB and 20M SSB during the
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>
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during contests.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>

332. RE: [SPAM][heathkitnovicestations] What's Happening!

Yahoo group: heathkitnovicestations
Date: 2008-11-20 22:04:16 UTC
From: W8KZW
Topic: 330 Message: 332

I agree. So often, the bands just seem soooo empty.

But then on contest weekends the DX crawls out of the woodwork, and boasts 20 over signals! I bet if everyone just ignored the propagation naysayers and called CQ, we'd all be working some great DX regarless of sunspots or flairs!

W8KZW
Jeff
www.w8kzw.homestead.com

-----Original Message-----
From: Bob Macklin [mailto:macklinbob@...]
Sent: Thursday, November 20, 2008 4:33 PM
To: Heath Novice Stations
Subject: [SPAM][heathkitnovicestations] What's Happening!

Where is everyone? What's happening?

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Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

__._,

333. Re: [SPAM][heathkitnovicestations] What's Happening!

Yahoo group: heathkitnovicestations
Date: 2008-11-20 22:18:03 UTC
From: Bob Macklin
Topic: 330 Message: 333

A few weeks ago I finally got my 40M STEALTH dipole up and operating. It does work and the DX-60 is putting about 50W into it.

There seems to be more activity on the message boards than on the bands!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: W8KZW
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, November 20, 2008 2:04 PM
Subject: RE: [SPAM][heathkitnovicestations] What's Happening!

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W8KZW
Jeff
www.w8kzw.homestead.com

-----Original Message-----
From: Bob Macklin [mailto:macklinbob@...]
Sent: Thursday, November 20, 2008 4:33 PM
To: Heath Novice Stations
Subject: [SPAM][heathkitnovicestations] What's Happening!

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Bob Macklin
K5MYJ

Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

__._,

334. Re: [SPAM][heathkitnovicestations] What's Happening!

Yahoo group: heathkitnovicestations
Date: 2008-11-21 16:43:17 UTC
From: WØQFC
Topic: 330 Message: 334

I also spend more time on the reflectors than I do on the bands; I also spend a lot of time working on my BA gear.

I finally got my new tower up with 6, 2/440 beams but have not tried them as yet. . . .

I have not had the TS-850 or the FT-897 on in months!

Gene, WØQFC

A.F.&A.M. #91 Lafayette, Colorado
----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, November 20, 2008 5:18 PM
Subject: Re: [SPAM][heathkitnovicestations] What's Happening!

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"Real Radios Glow in the Dark"

----- Original Message -----
From: W8KZW
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, November 20, 2008 2:04 PM
Subject: RE: [SPAM][heathkitnovicestations] What's Happening!

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W8KZW
Jeff
www.w8kzw.homestead.com

-----Original Message-----
From: Bob Macklin [mailto:macklinbob@...]
Sent: Thursday, November 20, 2008 4:33 PM
To: Heath Novice Stations
Subject: [SPAM][heathkitnovicestations] What's Happening!

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Bob Macklin
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Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

__·_'

335. Re: What's Happening!

Yahoo group: heathkitnovicestations
Date: 2008-11-21 17:00:05 UTC
From: Paul Beckwith
Topic: 330 Message: 335

With conditions the way they have been, I've been spending more time
on the other hobbies. Now that things are improving, I'll be back on
the air, mostly on 80m CW.

73's de Paul K2LMQ Kingman, AZ

>----- Original Message -----
>From: <mailto:macklinbob@...>Bob Macklin
>To:
><mailto:heathkitnovicestations@yahoogroups.com>heathkitnovicestations@yahoogroups.com
>
>Sent: Thursday, November 20, 2008 5:18 PM
>Subject: Re: [SPAM][heathkitnovicestations] What's Happening!
>
>A few weeks ago I finally got my 40M STEALTH dipole up and
>operating. It does work and the DX-60 is putting about 50W into it.
>
>There seems to be more activity on the message boards than on the bands!
>
>Bob Macklin
>K5MYJ
>Kent (Seattle), Wa,
>"Real Radios Glow in the Dark"
>----- Original Message -----

336. Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 21:32:58 UTC
From: Bob Macklin
Topic: 336 Message: 336

I finally have my new antenna up and the DX-60/HG-10/HR-10 now working.

Setup for CW & AM on 40M. And maybe 15M.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

337. Re: Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 21:41:37 UTC
From: w0qfc1
Topic: 336 Message: 337

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin"
<macklinbob@...> wrote:
>
> I finally have my new antenna up and the DX-60/HG-10/HR-10 now
working.
>
> Setup for CW & AM on 40M. And maybe 15M.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
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>
Good job Bob!
I will also be on 40 CW/AM with my DX-40 and NC-303 ~ as soon as I can
get the *&@#$! bead chain dial cord restrung on the 303. . .

Gene, W0QFC

338. Re: [heathkitnovicestations] Re: Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 21:52:39 UTC
From: Bob Macklin
Topic: 336 Message: 338

The bead chain is only needed to rotate the drum! Just set the NC-303 to 40M and operate it!

I recently got a NC-109 that looks almost new. Just has a few scratches on the top.

I can hear WWV at 5, 10, and 15MCS on it and I have heard SSB operations on 20M on a regular (sort of) basis. We get a chance to listen to some CW this coming weekend during the CQWW CW contest.

I have also been hearing Spanish language SWBC stations above and below both 40M and 20M.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: w0qfc1
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 1:41 PM
Subject: [heathkitnovicestations] Re: Novice Station WORKING!

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin"
<macklinbob@...> wrote:
>
> I finally have my new antenna up and the DX-60/HG-10/HR-10 now
working.
>
> Setup for CW & AM on 40M. And maybe 15M.
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> K5MYJ
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Good job Bob!
I will also be on 40 CW/AM with my DX-40 and NC-303 ~ as soon as I can
get the *&@#$! bead chain dial cord restrung on the 303. . .

Gene, W0QFC

339. Re: [heathkitnovicestations] Re: Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 22:29:37 UTC
From: Dave And Merrijoy
Topic: 336 Message: 339

Hey Bob,
What frequency on 40 are you going to be hovering around?
I may try to meet you there sometime with my little 6aq5 homebrew.
Dave w9ocm

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 4:52 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

The bead chain is only needed to rotate the drum! Just set the NC-303 to 40M and operate it!

I recently got a NC-109 that looks almost new. Just has a few scratches on the top.

I can hear WWV at 5, 10, and 15MCS on it and I have heard SSB operations on 20M on a regular (sort of) basis. We get a chance to listen to some CW this coming weekend during the CQWW CW contest.

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Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: w0qfc1
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 1:41 PM
Subject: [heathkitnovicestations] Re: Novice Station WORKING!

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin"
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> I finally have my new antenna up and the DX-60/HG-10/HR-10 now
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Gene, W0QFC

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.549 / Virus Database: 270.9.9/1806 - Release Date: 11/22/2008 6:59 PM

340. Re: [heathkitnovicestations] Re: Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 22:30:06 UTC
From: WØQFC
Topic: 336 Message: 340

Bob:

Nice going on the NC-109!

Know any tricks on the cord ~ other than finding a Witch Doctor?

Gene, WØQFC

A.F.&A.M. #91 Lafayette, Colorado

341. Re: [heathkitnovicestations] Re: Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 22:35:53 UTC
From: Bob Macklin
Topic: 336 Message: 341

I have a crystal for AM on 7290. Otherwise I set the VFO to 7030 for CW.

But I had been thinking about trying to stimulate pseudo Novice activity between 7100 and 7125 just for old time sake!

I have not operated CW in over 30 years so I have to get my CW back up to speed. I almost had it done 5 years ago but now I have no excuse.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Dave And Merrijoy
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 2:29 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

Hey Bob,
What frequency on 40 are you going to be hovering around?
I may try to meet you there sometime with my little 6aq5 homebrew.
Dave w9ocm

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 4:52 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

The bead chain is only needed to rotate the drum! Just set the NC-303 to 40M and operate it!

I recently got a NC-109 that looks almost new. Just has a few scratches on the top.

I can hear WWV at 5, 10, and 15MCS on it and I have heard SSB operations on 20M on a regular (sort of) basis. We get a chance to listen to some CW this coming weekend during the CQWW CW contest.

I have also been hearing Spanish language SWBC stations above and below both 40M and 20M.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: w0qfc1

To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 1:41 PM
Subject: [heathkitnovicestations] Re: Novice Station WORKING!

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin"
<macklinbob@...> wrote:
>
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> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
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Good job Bob!
I will also be on 40 CW/AM with my DX-40 and NC-303 ~ as soon as I can
get the *&@#$! bead chain dial cord restrung on the 303. . .

Gene, W0QFC

No virus found in this incoming message.
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Version: 7.5.549 / Virus Database: 270.9.9/1806 - Release Date: 11/22/2008 6:59 PM

342. Re: [heathkitnovicestations] Re: Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 22:38:57 UTC
From: Bob Macklin
Topic: 336 Message: 342

No, I've never had a NC-300 or NC-303.

When I was young I bought a NC-109 as my first decent receiver. That was in 1960. I needed a better GC receiver than my SX-110 and I have a real soft spot for the NC-109 so I went looking for one. And this one cost me less that the first one I owned.

Bob
K5MYJ
----- Original Message -----
From: WØQFC
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 2:30 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

Bob:

Nice going on the NC-109!

Know any tricks on the cord ~ other than finding a Witch Doctor?

Gene, WØQFC

A.F.&A.M. #91 Lafayette, Colorado

343. Re: [heathkitnovicestations] Re: Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 23:23:23 UTC
From: Dave And Merrijoy
Topic: 336 Message: 343

Hi Bob,
Slow code is fine with me.
I've let up on my cw activity also so I'll have to go slow until I can
get it back up.
Since our youngest son and his wife are flying in from Houston
for this week, I'll have to wait until after Thanksgiving. I'll get in
touch with you and we can sked.
Dave w9ocm

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 5:35 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

I have a crystal for AM on 7290. Otherwise I set the VFO to 7030 for CW.

But I had been thinking about trying to stimulate pseudo Novice activity between 7100 and 7125 just for old time sake!

I have not operated CW in over 30 years so I have to get my CW back up to speed. I almost had it done 5 years ago but now I have no excuse.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Dave And Merrijoy
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 2:29 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

Hey Bob,
What frequency on 40 are you going to be hovering around?
I may try to meet you there sometime with my little 6aq5 homebrew.
Dave w9ocm

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 4:52 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

The bead chain is only needed to rotate the drum! Just set the NC-303 to 40M and operate it!

I recently got a NC-109 that looks almost new. Just has a few scratches on the top.

I can hear WWV at 5, 10, and 15MCS on it and I have heard SSB operations on 20M on a regular (sort of) basis. We get a chance to listen to some CW this coming weekend during the CQWW CW contest.

I have also been hearing Spanish language SWBC stations above and below both 40M and 20M.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: w0qfc1
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 1:41 PM
Subject: [heathkitnovicestations] Re: Novice Station WORKING!

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin"
<macklinbob@...> wrote:
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> Setup for CW & AM on 40M. And maybe 15M.
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> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
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>
Good job Bob!
I will also be on 40 CW/AM with my DX-40 and NC-303 ~ as soon as I can
get the *&@#$! bead chain dial cord restrung on the 303. .

Gene, W0QFC

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Version: 7.5.549 / Virus Database: 270.9.9/1806 - Release Date: 11/22/2008 6:59 PM

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Checked by AVG.
Version: 7.5.549 / Virus Database: 270.9.9/1806 - Release Date: 11/22/2008 6:59 PM

344. Re: [heathkitnovicestations] Re: Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-23 23:31:31 UTC
From: Bob Macklin
Topic: 336 Message: 344

If you want to set up a schedule for operation just put a message on this list!

We need to find a way to start building some regular activity.

It get frustrating to only hear activity an contest weekends. For the past couple of months I have left one of the receivers on 7030 which has previously been the most active frequency for CW here. And there is nothing but noise!

Bob
K5MYJ
----- Original Message -----
From: Dave And Merrijoy
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 3:23 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

Hi Bob,
Slow code is fine with me.
I've let up on my cw activity also so I'll have to go slow until I can
get it back up.
Since our youngest son and his wife are flying in from Houston
for this week, I'll have to wait until after Thanksgiving. I'll get in
touch with you and we can sked.
Dave w9ocm

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 5:35 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

I have a crystal for AM on 7290. Otherwise I set the VFO to 7030 for CW.

But I had been thinking about trying to stimulate pseudo Novice activity between 7100 and 7125 just for old time sake!

I have not operated CW in over 30 years so I have to get my CW back up to speed. I almost had it done 5 years ago but now I have no excuse.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Dave And Merrijoy
To: heathkitnovicestations@yahoogroups.com

Sent: Sunday, November 23, 2008 2:29 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

Hey Bob,
What frequency on 40 are you going to be hovering around?
I may try to meet you there sometime with my little 6aq5 homebrew.
Dave w9ocm

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@...m
Sent: Sunday, November 23, 2008 4:52 PM
Subject: Re: [heathkitnovicestations] Re: Novice Station WORKING!

The bead chain is only needed to rotate the drum! Just set the NC-303 to 40M and operate it!

I recently got a NC-109 that looks almost new. Just has a few scratches on the top.

I can hear WWV at 5, 10, and 15MCS on it and I have heard SSB operations on 20M on a regular (sort of) basis. We get a chance to listen to some CW this coming weekend during the CQWW CW contest.

I have also been hearing Spanish language SWBC stations above and below both 40M and 20M.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: w0qfc1
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, November 23, 2008 1:41 PM
Subject: [heathkitnovicestations] Re: Novice Station WORKING!

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin"
<macklinbob@...> wrote:
>
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> Setup for CW & AM on 40M. And maybe 15M.
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> Bob Macklin
> K5MYJ
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Good job Bob!
I will also be on 40 CW/AM with my DX-40 and NC-303 ~ as soon as I can
get the *&@#$! bead chain dial cord restrung on the 303. .

Gene, W0QFC

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Version: 7.5.549 / Virus Database: 270.9.9/1806 - Release Date: 11/22/2008 6:59 PM

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Version: 7.5.549 / Virus Database: 270.9.9/1806 - Release Date: 11/22/2008 6:59 PM

345. Getting your CW speed up.

Yahoo group: heathkitnovicestations
Date: 2008-11-24 13:42:31 UTC
From: Jim
Topic: 345 Message: 345

I passed army CW at 20 wpm and in later years got my Ham ticket.
Evenso, my CW speed died away till I couldn't copy solid copy above 10 wpm or so.
I downloaded a CW program onto my computer called "CW GET" and ran a audio cable from my headphonejack to the mic input on the computer. Now by running CW GET I can see what the letter is as well as hear the sound and my speed ability soared after just a few minutes of listening on the band.
Use a dual output jack available from Rat Shack so that you can listen with earphones as well at the same time.
CW GET is a great program that has an adjustable threshold level that cuts off noise and produces much better copy than say a MFJ code reader.
Try it out and see how fast your code speed soars.
I`ll `see`yàll on frequency.
Jim VE3DDY/W4
I have no business interest in CW GET
Jim VE3DDY

346. Re: [heathkitnovicestations] Novice Station WORKING!

Yahoo group: heathkitnovicestations
Date: 2008-11-24 14:51:37 UTC
From: Paul Beckwith
Topic: 336 Message: 346

Congrats, Bob!!

Will be listening for you.

73's de Paul K2LMQ Kingman, AZ.

At 02:32 PM 11/23/2008, you wrote:

>I finally have my new antenna up and the DX-60/HG-10/HR-10 now working.
>
>Setup for CW & AM on 40M. And maybe 15M.
>
>Bob Macklin
>K5MYJ
>Kent (Seattle), Wa,
>"Real Radios Glow in the Dark"

347. New 40M AM Net!

Yahoo group: heathkitnovicestations
Date: 2008-11-24 15:56:51 UTC
From: Bob Macklin
Topic: 347 Message: 347

A group of us on the AM Radio list have been discussing setting up a new 40M AM net.

It seems to a lot of us with the lower powered AM rigs with screen modulation.

The purpose at this time is to set a day and time to start. If we know where and when to listen maybe we can get some activity going.

The SWBC stations are supposed to vacate 7100-7200 at the end on March 2009. We have been discussing setting up the new net on 7190.

Bry Carling has FT-243 crystals for 7190. I am ordering mine the 1st of the month.

MY DX-60 is working as good as it can be expected too. My limitation is the STEALTH ANTENNA!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

348. Re: [heathkitnovicestations] New 40M AM Net!

Yahoo group: heathkitnovicestations
Date: 2008-11-25 21:46:32 UTC
From: Bry Carling
Topic: 347 Message: 348

It's funny but I used to have some great QSOs on 40m AM
in the old days, especially in the daytime and early evening hours.

Even with a Knight T-60 - or a Heath DX-60 both of which
run lower power and don't have the fancy Class B
push-pull modulation shcemes of the fancier rigs.

It was amazing how many solid AM phone QSOs we would
have in those days using simple rigs with a dipole up high
in the trees. I used to get S-9 reports from guys out to about
250-300 miles with no problem. And often a lot farther.

73 to all and hope to see you on 7190 AM.

> A group of us on the AMRadio list have been discussing setting
up a new 40M AM net.
>
> Itseems to a lot of us with thelower powered AM rigs with screen
modulation.
>
> The purpose at this time is to set a day and time to start. If we
know where and when to listen
> maybe we can get some activity going.
>
> The SWBC stations are supposed to vacate 7100-7200 at the
end on March 2009. We have
> been discussing setting up the new net on 7190.
>
> Bry Carling has FT-243 crystals for 7190. I am ordering mine the
1st of the month.
>
> MY DX-60 is working as good as it can be expected too. My
limitation is the STEALTH
> ANTENNA!
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>

*** - "A bit of fragrance always clings to the hand that
gives you roses." - ***

349. Re: [heathkitnovicestations] New 40M AM Net!

Yahoo group: heathkitnovicestations
Date: 2008-11-25 22:31:21 UTC
From: Bob Macklin
Topic: 347 Message: 349

Bry,

I hope we see you on 7190!

Bob
K5MYJ
----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, November 25, 2008 1:46 PM
Subject: Re: [heathkitnovicestations] New 40M AM Net!

It's funny but I used to have some great QSOs on 40m AM
in the old days, especially in the daytime and early evening hours.

Even with a Knight T-60 - or a Heath DX-60 both of which
run lower power and don't have the fancy Class B
push-pull modulation shcemes of the fancier rigs.

It was amazing how many solid AM phone QSOs we would
have in those days using simple rigs with a dipole up high
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> Bry Carling has FT-243 crystals for 7190. I am ordering mine the
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> MY DX-60 is working as good as it can be expected too. My
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> Bob Macklin
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*** - "A bit of fragrance always clings to the hand that gives you roses." - ***

350. HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-03 10:22:45 UTC
From: gliderboy1955
Topic: 350 Message: 350

Dear Gang:

I have an HW-16 that has been recapped and works well with one problem--I can't seem to neutralize the 6GE5. No matter what setting the little trimmer is set to, I can't get the dip in plate current to coincide with peak output power--by about 15 watts. Any ideas?

Also, while I'm at it...I have two other HW-16s that now sound like buzz saws on TX. Any suggestions here on where to look--could it be something other than a power supply cap? I've started recapping one, and have replaced all of them except the big multi section cap. I'd really like to have all my HW-16s back on the air for SKN. Any and all suggestions are appreciated!

73,

Eric WD6DBM

351. Re: [heathkitnovicestations] HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-03 12:03:15 UTC
From: Bry Carling
Topic: 350 Message: 351

It could be several things...

Have you checked all of your voltages? How does the
plate current look? If the screen voltage has crept up, that
could do it. Is there a grid bias source? Is it intact?

One way to cure self-oscillation is to put a 1K resistor in
series with the grid lead. Does the 6GE5 still have its
plate choke with 3 or 4 turns over a 47 ohm resistor or
something like that?

From: "gliderboy1955" <gliderboy1955@...>

> Dear Gang:
>
> I have an HW-16 that has been recapped and works well with
one problem-
> -I can't seem to neutralize the 6GE5. No matter what setting the
> little trimmer is set to, I can't get the dip in plate current to
> coincide with peak output power--by about 15 watts. Any ideas?
>
> Also, while I'm at it...I have two other HW-16s that now sound
like
> buzz saws on TX. Any suggestions here on where to look--could
it be
> something other than a power supply cap? I've started recapping
one,
> and have replaced all of them except the big multi section cap.
I'd
> really like to have all my HW-16s back on the air for SKN. Any
and
> all suggestions are appreciated!
>
> 73,
>
> Eric WD6DBM
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

*** - "A bit of fragrance always clings to the hand that gives you roses." - ***

352. Re: [heathkitnovicestations] HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-04 01:11:08 UTC
From: Tom NØJMY - AAR7FV
Topic: 350 Message: 352

Something I just thought of, though I don't know if it has any relevance here. Have you tried removing the crystal or vfo and keying the rig without them?

I had at least one one HW-16 that I can remember where the tuning of L8 in the oscillator had to be "detuned" off peak a little more than the one turn clockwise specified in the manual. If not, the rig would self-oscillate and "output" would jump up 10 watts or so - even without a crystal or VFO.

How many watts is the rig putting out and on what band(s). Is the problem on more than one band? About where is the pointer on the tuning knob when you get your dip on the various bands?

BTW, have you received messages from other lists that I've forwarded to you either from my "mchsi" address or the one from "hayseedhamfest"? My e-mail client has been a little troublesome today.

73,
Tom
----- Original Message -----
From: gliderboy1955
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, December 03, 2008 4:22 AM
Subject: [heathkitnovicestations] HW-16 troubleshooting help needed

Dear Gang:

I have an HW-16 that has been recapped and works well with one problem--I can't seem to neutralize the 6GE5. No matter what setting the little trimmer is set to, I can't get the dip in plate current to coincide with peak output power--by about 15 watts. Any ideas?

Also, while I'm at it...I have two other HW-16s that now sound like buzz saws on TX. Any suggestions here on where to look--could it be something other than a power supply cap? I've started recapping one, and have replaced all of them except the big multi section cap. I'd really like to have all my HW-16s back on the air for SKN. Any and all suggestions are appreciated!

73,

Eric WD6DBM

353. Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-04 10:30:33 UTC
From: gliderboy1955
Topic: 350 Message: 353

I need a bit more info I think. I have not checked the voltages--do you mean the screen voltage on the 6GE5? If it has gone up, what does that mean? The plate current is normal to low--when dipped perhaps 125 to 170ma. I don't know what to look for with "is there a grid bias source"--can you be more specific what I need to look for? I don't know about the plate choke, I'll check it out. If it isn't there I think the manual tells what the values are so I could make a new one.

On the AC note on TX for the other two, is that purely a power supply electrolitic problem, or could there be other causes?

Thanks for your help!

Eric

--- In heathkitnovicestations@yahoogroups.com, "Bry Carling" <bcarling@...> wrote:
>
> It could be several things...
>
> Have you checked all of your voltages? How does the
> plate current look? If the screen voltage has crept up, that
> could do it. Is there a grid bias source? Is it intact?
>
>
> One way to cure self-oscillation is to put a 1K resistor in
> series with the grid lead. Does the 6GE5 still have its
> plate choke with 3 or 4 turns over a 47 ohm resistor or
> something like that?
>
> From: "gliderboy1955" <gliderboy1955@...>
>
> > Dear Gang:
> >
> > I have an HW-16 that has been recapped and works well with
> one problem-
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> > buzz saws on TX. Any suggestions here on where to look--could

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> > all suggestions are appreciated!
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> > 73,
> >
> > Eric WD6DBM
> >
> >
> >
> > ----------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
> *** - "A bit of fragrance always clings to the hand that
> gives you roses." - ***
>

354. Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-04 10:36:01 UTC
From: gliderboy1955
Topic: 350 Message: 354

Good call, I'll try that out as well. I have noticed that all three of my HW-16s don't want to TX with the VFO on stby and a xtal in the socket--but the same xtal works fine in my Eico 720.

Thanks, Eric

--- In heathkitnovicestations@yahoogroups.com, Tom NØJMY - AAR7FV <tfarl@...> wrote:
>
> Something I just thought of, though I don't know if it has any relevance
> here. Have you tried removing the crystal or vfo and keying the rig without
> them?
>
> I had at least one one HW-16 that I can remember where the tuning of L8 in
> the oscillator had to be "detuned" off peak a little more than the one turn
> clockwise specified in the manual. If not, the rig would self-oscillate and
> "output" would jump up 10 watts or so - even without a crystal or VFO.
>
> How many watts is the rig putting out and on what band(s). Is the problem on
> more than one band? About where is the pointer on the tuning knob when you
> get your dip on the various bands?
>
> BTW, have you received messages from other lists that I've forwarded to you
> either from my "mchsi" address or the one from "hayseedhamfest"? My e-mail
> client has been a little troublesome today.
>
> 73,
> Tom
> ----- Original Message -----
> From: gliderboy1955
> To: heathkitnovicestations@yahoogroups.com
> Sent: Wednesday, December 03, 2008 4:22 AM
> Subject: [heathkitnovicestations] HW-16 troubleshooting help needed
>
>

> Dear Gang:
>
> I have an HW-16 that has been recapped and works well with one
problem-
> -I can't seem to neutralize the 6GE5. No matter what setting the
> little trimmer is set to, I can't get the dip in plate current to
> coincide with peak output power--by about 15 watts. Any ideas?
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> Also, while I'm at it...I have two other HW-16s that now sound like
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one,
> and have replaced all of them except the big multi section cap. I'd
> really like to have all my HW-16s back on the air for SKN. Any and
> all suggestions are appreciated!
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> 73,
>
> Eric WD6DBM
>

355. Re: [heathkitnovicestations] Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-04 15:13:11 UTC
From: Tom NØJMY - AAR7FV
Topic: 350 Message: 355

Eric, that plate current sounds too high. When at resonance, you should be seeing right around 100 ma. Your screen key-down screen voltage on pin 2 of the 6GE5 should probably run 275V or so.

Crazy sounding output can be caused by parasitic oscillation. In fact, the leaky caps usually just make the rig chirp or "yoop"

73,
Tom

----- Original Message -----
From: gliderboy1955
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, December 04, 2008 4:30 AM
Subject: [heathkitnovicestations] Re: HW-16 troubleshooting help needed

I need a bit more info I think. I have not checked the voltages--do you mean the screen voltage on the 6GE5? If it has gone up, what does that mean? The plate current is normal to low--when dipped perhaps 125 to 170ma. I don't know what to look for with "is there a grid bias source"--can you be more specific what I need to look for? I don't know about the plate choke, I'll check it out. If it isn't there I think the manual tells what the values are so I could make a new one.

On the AC note on TX for the other two, is that purely a power supply electrolitic problem, or could there be other causes?

Thanks for your help!

Eric

--- In heathkitnovicestations@yahoogroups.com, "Bry Carling" <bcarling@...> wrote:
>
> It could be several things...
>
> Have you checked all of your voltages? How does the
> plate current look? If the screen voltage has crept up, that
> could do it. Is there a grid bias source? Is it intact?
>
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> One way to cure self-oscillation is to put a 1K resistor in
> series with the grid lead. Does the 6GE5 still have its
> plate choke with 3 or 4 turns over a 47 ohm resistor or
> something like that?
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> From: "gliderboy1955" <gliderboy1955@...>
>
> > Dear Gang:
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> one problem-
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> > buzz saws on TX. Any suggestions here on where to look--could
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> > all suggestions are appreciated!
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> > Eric WD6DBM
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> > Yahoo! Groups Links
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>
> *** - "A bit of fragrance always clings to the hand that
> gives you roses." - ***
>

356. Re: [heathkitnovicestations] Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-04 15:33:01 UTC
From: Tom NØJMY - AAR7FV
Topic: 350 Message: 356

Somebody correct me on this if I'm wrong. I don't think you're supposed to have a xtal installed and the v.f.o. hooked up at the same time, even if the v.f.o. is in standby.

It would seem to me that the v.f.o. cable would introduce an unknown capacitance into the crystal oscillator circuit. Enough to cause parasitic oscillation under many circumstances. Or enough to stop a xtal from oscillating. Try it without the vfo if you haven't already.

Eric, did you say what v.f.o. you're using? I'd be interested to know. A VF-1, for example, needs to be converted to grid-block keying, and even an HG-10/B can be wired both ways, cathode or grid-block.

GL
Tom
----- Original Message -----
From: gliderboy1955
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, December 04, 2008 4:36 AM
Subject: [heathkitnovicestations] Re: HW-16 troubleshooting help needed

Good call, I'll try that out as well. I have noticed that all three of my HW-16s don't want to TX with the VFO on stby and a xtal in the socket--but the same xtal works fine in my Eico 720.

Thanks, Eric

--- In heathkitnovicestations@yahoogroups.com, Tom NØJMY - AAR7FV <tfarl@...> wrote:
>
> Something I just thought of, though I don't know if it has any relevance
> here. Have you tried removing the crystal or vfo and keying the rig without
> them?
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> I had at least one one HW-16 that I can remember where the tuning of L8 in
> the oscillator had to be "detuned" off peak a little more than the one turn
> clockwise specified in the manual. If not, the rig would self-oscillate and
> "output" would jump up 10 watts or so - even without a crystal or VFO.
>
> How many watts is the rig putting out and on what band(s). Is the problem on

> more than one band? About where is the pointer on the tuning knob
when you
> get your dip on the various bands?
>
> BTW, have you received messages from other lists that I've
forwarded to you
> either from my "mchsi" address or the one from "hayseedhamfest"?
My e-mail
> client has been a little troublesome today.
>
> 73,
> Tom
> ----- Original Message -----
> From: gliderboy1955
> To: heathkitnovicestations@yahoogroups.com
> Sent: Wednesday, December 03, 2008 4:22 AM
> Subject: [heathkitnovicestations] HW-16 troubleshooting help needed
>
>
> Dear Gang:
>
> I have an HW-16 that has been recapped and works well with one
problem-
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> little trimmer is set to, I can't get the dip in plate current to
> coincide with peak output power--by about 15 watts. Any ideas?
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> Also, while I'm at it...I have two other HW-16s that now sound like
> buzz saws on TX. Any suggestions here on where to look--could it be
> something other than a power supply cap? I've started recapping
one,
> and have replaced all of them except the big multi section cap. I'd
> really like to have all my HW-16s back on the air for SKN. Any and
> all suggestions are appreciated!
>
> 73,
>
> Eric WD6DBM
>

357. Multi-section cap: wasFw: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-04 15:42:14 UTC
From: Tom NØJMY - AAR7FV
Topic: 357 Message: 357

Gosh, thanks Stu! We've had real good luck with our multi-section caps.
We're approaching 300 units sold since February.

I'm rasslin' around with an update to the hayseedhamfest.com web-site (I do mean rassle - I hand-code my web-pages 100%) andI hope to have it up this week. It will have a lot more stock kits on it, as well as looking a little more professional. Very little.

Thanks again,
Tom
----- Original Message -----
From: "Stuart Rohre" <rohre@...>
To: "Tom N?JMY - AAR7FV" <tfarl@...>; "GLOWBUGS LIST" <glowbugs@...>
Sent: Wednesday, December 03, 2008 10:01 PM
Subject: Re: GB> Fw: HW-16 troubleshooting help needed

> Tom, these are great, sorry I had not looked at the photos before, and did
> not remember about your capacitor renewal kits!
>
> That is a great way to go, as in replacing multi sections with singles,
> you often have to add additional tie points or mechanical mountings.
>
> Everyone, take a look at Tom's kits, the hard work has been done when you
> need to get capacitors replaced on old tube sets!
>
> 73,
> Stuart
> K5KVH
>
>

358. Dial Cord Re-Stringing

Yahoo group: heathkitnovicestations
Date: 2008-12-04 18:10:55 UTC
From: awfremmer
Topic: 358 Message: 358

Hello to all,

Any "tips" on how to re-string the dial cord on the HR-10 or 10B. Both radios work well and look good but they need the dial cord re-strung. I have the diagram but I must be all thumbs because when I;m all done nothing happens. HELP!

Thanks and 73, Alan - KB2HEI

359. Re: [heathkitnovicestations] Dial Cord Re-Stringing

Yahoo group: heathkitnovicestations
Date: 2008-12-04 18:22:29 UTC
From: Bob Macklin
Topic: 358 Message: 359

Keep trying. And KEEP IT TIGHT!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: awfremmer
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, December 04, 2008 10:10 AM
Subject: [heathkitnovicestations] Dial Cord Re-Stringing

Hello to all,

Any "tips" on how to re-string the dial cord on the HR-10 or 10B. Both radios work well and look good but they need the dial cord re-strung. I have the diagram but I must be all thumbs because when I;m all done nothing happens. HELP!

Thanks and 73, Alan - KB2HEI

360. Re: [heathkitnovicestations] Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-04 19:52:18 UTC
From: Bry Carling
Topic: 350 Message: 360

Buzz or hum on the signal can indicate a bad (or
disconnected) smoothing capacitor in the power supply unit.

The increased plat votage means either that there is too
much screen voltage, too little grid bias voltage - or that
the rig is not adjusted properly. In other words,
it could be off resonance in the final tank circuit,
OR the loading control could be advanced too far....
(Or the loading control could be disconnected)

To: <heathkitnovicestations@yahoogroups.com>
From: Tom NØJMY - AAR7FV <tfarl@...>
Date sent: Thu, 4 Dec 2008 09:13:11 -0600
Subject: Re: [heathkitnovicestations] Re: HW-16
troubleshooting help needed
Send reply to: heathkitnovicestations@yahoogroups.com

> Eric, that plate current sounds too high. When at resonance, you
should be seeing right around 100 ma. Your screen key-down
screen voltage on pin 2 of the 6GE5 should probably run 275V or
> so.
>
> Crazy sounding output can be caused by parasitic oscillation. In
fact, the leaky caps usually just make the rig chirp or "yoop"
>
> 73,
> Tom

*** - "A bit of fragrance always clings to the hand that
gives you roses." - ***

361. Re: [heathkitnovicestations] Dial Cord Re-Stringing

Yahoo group: heathkitnovicestations
Date: 2008-12-04 19:54:16 UTC
From: Bry Carling
Topic: 358 Message: 361

NEVER give up Alan... It can be done and you will eventually be
very pleased with the reults.
Great little receiver.... the first ham I ever met used the British
version of that receiver from Heathkit UK, which included
the 160m band! I am sure that they are VERY rare nowadays!
Wouldn't it be fun to find one!

> Keep trying. And KEEP IT TIGHT!

*** - "A bit of fragrance always clings to the hand that
gives you roses." - ***

362. Re: [heathkitnovicestations] Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-04 20:38:29 UTC
From: Tom NØJMY - AAR7FV
Topic: 350 Message: 362

Okay, Bry. Okay. By the way...what's the procedure for adjusting the load control on a HW-16? Same way as a 2-NT?

<snort>

Sorry. I couldn't resist. :)

73,
Tom

----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, December 04, 2008 1:52 PM
Subject: Re: [heathkitnovicestations] Re: HW-16 troubleshooting help needed

Buzz or hum on the signal can indicate a bad (or
disconnected) smoothing capacitor in the power supply unit.

The increased plat votage means either that there is too
much screen voltage, too little grid bias voltage - or that
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(Or the loading control could be disconnected)

To: <heathkitnovicestations@yahoogroups.com>
From: Tom NØJMY - AAR7FV <tfarl@...>
Date sent: Thu, 4 Dec 2008 09:13:11 -0600
Subject: Re: [heathkitnovicestations] Re: HW-16
troubleshooting help needed
Send reply to: heathkitnovicestations@yahoogroups.com

> Eric, that plate current sounds too high. When at resonance, you
should be seeing right around 100 ma. Your screen key-down
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> so.
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fact, the leaky caps usually just make the rig chirp or "yoop"
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> 73,
> Tom

*** - "A bit of fragrance always clings to the hand that
gives you roses." - ***

363. Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-05 04:26:55 UTC
From: gliderboy1955
Topic: 350 Message: 363

There is no loading control. 100ma of plate current is below the red mark on the plate meter for the "novice" setting, which is at 125ma. 125 ma is definitely not too high--I used to have to adjust the power level back when I was a novice to get it that low.

Or am I missing something?

Thanks,

Eric

--- In heathkitnovicestations@yahoogroups.com, "Bry Carling" <bcarling@...> wrote:
>
> Buzz or hum on the signal can indicate a bad (or
> disconnected) smoothing capacitor in the power supply unit.
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> The increased plat votage means either that there is too
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> To: <heathkitnovicestations@yahoogroups.com>
> From: Tom NØJMY - AAR7FV <tfarl@...>
> Date sent: Thu, 4 Dec 2008 09:13:11 -0600
> Subject: Re: [heathkitnovicestations] Re: HW-16
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> Send reply to: heathkitnovicestations@yahoogroups.com
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In
> fact, the leaky caps usually just make the rig chirp or "yoop"
> >
> > 73,
> > Tom
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>
> *** - "A bit of fragrance always clings to the hand that

> gives you roses." - ***
>

364. Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-05 04:31:24 UTC
From: gliderboy1955
Topic: 350 Message: 364

I have two VFOs, one is an HG10B, and the other a homebrew by W5NYT. They both work fine, and the HG10 is wired for grid block.

I don't think I tried unplugging the VFO cable though, I will try that next time. First, all three are going on the bench! I have always used them with the VFO.

73,

Eric

--- In heathkitnovicestations@yahoogroups.com, Tom NØJMY - AAR7FV <tfarl@...> wrote:
>
> Somebody correct me on this if I'm wrong. I don't think you're supposed to have a xtal installed and the v.f.o. hooked up at the same time, even if the v.f.o. is in standby.
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> It would seem to me that the v.f.o. cable would introduce an unknown capacitance into the crystal oscillator circuit. Enough to cause parasitic oscillation under many circumstances. Or enough to stop a xtal from oscillating. Try it without the vfo if you haven't already.
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> Eric, did you say what v.f.o. you're using? I'd be interested to know. A VF-1, for example, needs to be converted to grid-block keying, and even an HG-10/B can be wired both ways, cathode or grid-block.
>
> GL
> Tom
> ----- Original Message -----
> From: gliderboy1955
> To: heathkitnovicestations@yahoogroups.com
> Sent: Thursday, December 04, 2008 4:36 AM
> Subject: [heathkitnovicestations] Re: HW-16 troubleshooting help needed
>
>
> Good call, I'll try that out as well. I have noticed that all three
> of my HW-16s don't want to TX with the VFO on stby and a xtal in the
> socket--but the same xtal works fine in my Eico 720.
>
> Thanks, Eric

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> --- In heathkitnovicestations@yahoogroups.com, Tom NØJMY -
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> of L8 in
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> > How many watts is the rig putting out and on what band(s). Is
the
> problem on
> > more than one band? About where is the pointer on the tuning
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> > get your dip on the various bands?
> >
> > BTW, have you received messages from other lists that I've
> forwarded to you
> > either from my "mchsi" address or the one
from "hayseedhamfest"?
> My e-mail
> > client has been a little troublesome today.
> >
> > 73,
> > Tom
> > ----- Original Message -----
> > From: gliderboy1955
> > To: heathkitnovicestations@yahoogroups.com
> > Sent: Wednesday, December 03, 2008 4:22 AM
> > Subject: [heathkitnovicestations] HW-16 troubleshooting help
needed
> >
> >
> > Dear Gang:

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> > I have an HW-16 that has been recapped and works well with one
> problem-
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> > Also, while I'm at it...I have two other HW-16s that now sound
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> > 73,
> >
> > Eric WD6DBM
> >
>

365. Re: [heathkitnovicestations] Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-05 11:55:55 UTC
From: Bry Carling
Topic: 350 Message: 365

From: "gliderboy1955" <gliderboy1955@...>

> There is no loading control.

Of you are right... what kind of antenna are you using?
IS it matched well? Do you have a tuner? What is the SWR?
How far is your antenna from the TX?

366. Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-07 03:08:54 UTC
From: gliderboy1955
Topic: 350 Message: 366

--- In heathkitnovicestations@yahoogroups.com, "Bry Carling"
<bcarling@...> wrote:
>
> From: "gliderboy1955" <gliderboy1955@...>
>
> > There is no loading control.
>
>
> Of you are right... what kind of antenna are you using?
> IS it matched well? Do you have a tuner? What is the SWR?
> How far is your antenna from the TX?
>

367. Re: HW-16 troubleshooting help needed

Yahoo group: heathkitnovicestations
Date: 2008-12-07 03:58:13 UTC
From: gliderboy1955
Topic: 350 Message: 367

I use a vertical and a beam, SWR is 1:1, and a tuner is in line if I need it (mostly on 80). Vertical is 30ft from op position, beam is 50 feet.

--- In heathkitnovicestations@yahoogroups.com, "Bry Carling" <bcarling@...> wrote:
>
> From: "gliderboy1955" <gliderboy1955@...>
>
> > There is no loading control.
>
>
> Of you are right... what kind of antenna are you using?
> IS it matched well? Do you have a tuner? What is the SWR?
> How far is your antenna from the TX?
>

368. FS: Ancient Ham Magazines

Yahoo group: heathkitnovicestations
Date: 2008-12-08 12:05:38 UTC
From: Bry Carling
Topic: 368 Message: 368

FOR SALE: QST MAGAZINES and others...

QST - AUGUST 1928 - $5.00

QST - JANUARY 1933 - $4.00
QST - MARCH 1933 - $4.00

RADIO MAGAZINE APRIL 1937 - $2.00
RADIO MAGAZINE DEC 1937 - $2.00
QST - MAY 1938 - $4.00
QST - AUGUST 1938 - $4.00
CQ MAGAZINE NOV 1948 - $2.00

More QSTs:
JUNE 1949 - $2.00

MAY 1954 - $1.00

SEPTEMBER 1962 - $1.00
OCTOBER 1962 - $1.00

JAN 1963 - $1.00
FEB 1963 - $1.00
MAR 1963 - $1.00
JUN 1963 - $1.00

JAN 1964 - $1.00
FEB 1964- $1.00
MAR 1964- $1.00
APR 1964- $1.00
JUN 1964- $1.00
JUL 1964- $1.00
AUG 1964- $1.00
SEP 1964- $1.00
OCT 1964- $1.00
DEC 1964- $1.00

APR 1966- $1.00
APR 1968- $1.00

NOV 1969- $1.00
DEC 1969- $1.00

JAN 1970- $1.00
JUN 1970- $1.00
SEP 1970 - $1.00

MAY 1972- $1.00

MAR 1973- $1.00

OCT 1974- $1.00

MAR 1975 - $1.00

Ready to make a deal on all or on multiple lots.
Give me a lost of what you would like.

73 - Bry, AF4K

369. TUBE RADIO OPERATING EVENT... Heavy Metal Rally

Yahoo group: heathkitnovicestations
Date: 2008-12-17 20:46:11 UTC
From: Bry Carling
Topic: 369 Message: 369

This sounds like a GREAT activity!!
Relayed from Florida Boatanchors:

= = =

Contest: Heavy Metal Rally Contest

Presented by: Radio Club Querétaro, A.C. XE1RCQ

Objective: To contact as many amateur stations as possible using vintage radios on AM and CW modes.

Starts: 00:00 UTC March 14, 2009.

Ends: 23:59 March 14, 2009 (24 hrs.)

All amateur operators will be eligible to participate including SWLs

1. All participants must use 100% valves radios, however there is a category to allow use of modern radios. Only two modes of operation allowed: AM and CW.

2. To enter on vintage category, participants must send an email at xe1rcq@....mx with: Picture of the radio to be used and a brief description of the station.

3. Exchange: All vintage stations must add a letter V on RST. Example: XE1RCQ 59 V001. Stations in Modern category do not need to send the letter V.

4. The contest call will be: In AM: "CQ Heavy Metal Contest" and "CQ HM Test" for CW

5. Operating frequencies: All contesters must meet their national regulations about the use of AM and CW.

6. Operating modes: AM and CW only.

7. Multiplier: one for each contacted station on different band and DXCC Entity.

8. One call sign allowed to transmit at the same time and same mode.

9. Categories: Vintage and Modern. No power limit

8.2.0 Single Operator

8.2.1 Club with a maximum of 5 registered amateur operators.

10. It is allowed to enter on both categories, by sending a separate log for each one. Note point #8

11. Logs must be on Cabrillo format and must contain final score sheet.

12. Deadline: All entries must be postmarked NO LATER than April 4, 2009. And the logs must be sent to: xe1rcq@.... The subject must be the entrant's call sign and category. Paper logs will be accepted at: P.O. BOX 632. C.P. 76000, Queretaro, Qro. Mexico.

13. Final results will be published on the RCQ's Web page (www.xe1rcq.org) and different communication bulletins by September 2009.

14. Score

14.2.1 Everyone can work everyone.

14.2.2 2 points to Vintage-Vintage contact.

14.2.3 1 point for Vintage-Modern contact.

14.2.4 5 point for contact with the official station XE1RCQ

14.2.5 Modern-Modern contact are not valid.

*** Vintage equipment: , Viking, Johnson, Hallicrafters, Drake, etc. ***

15. Prize to the first place on each category.

16. Electronic Diploma for all participants with a minimum of 50 points

17. Actions and decisions of the Heavy Metal Rally contest committee are official and final.

XE1YZY

Contest Manager

370. Re: [heathkitnovicestations] TUBE RADIO OPERATING EVENT... Heavy Metal Rally

Yahoo group: heathkitnovicestations
Date: 2008-12-17 20:50:50 UTC
From: JAMES HANLON
Topic: 369 Message: 370

Sounds a bit like the Classic Exchange. Any idea what the Cabrillo format log is?

Jim, W8KGI

----- Original Message -----
From: Bry Carling<mailto:bcarling@...>
To: glowbugs@...<mailto:glowbugs@...>
Cc: dcboatanchors@...<mailto:dcboatanchors@...> ; amradio@...<mailto:amradio@...> ;
DCBOATANCHORS@...<mailto:DCBOATANCHORS@topica.com> ;
drake-radio-operators@yahoogroups.com<mailto:drake-radio-operators@yahoogroups.com> ;
EICO7@yahoogroups.com<mailto:EICO7@yahoogroups.com> ;
Galaxy-WRL@yahoogroups.com<mailto:Galaxy-WRL@yahoogroups.com> ;
MOPAGROUP@yahoogroups.com<mailto:MOPAGROUP@yahoogroups.com> ;
regenrx@yahoogroups.com<mailto:regenrx@yahoogroups.com> ;
swan-network@yahoogroups.com<mailto:swan-network@yahoogroups.com> ;
HEATH@...<mailto:HEATH@...E.GOV> ;
heathkit@yahoogroups.com<mailto:heathkit@yahoogroups.com> ;
heathkit@...<mailto:heathkit@...> ;
heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com> ; He
athkit-Radios-Moderated@yahoogroups.com<mailto:Heathkit-Radios-Moderated@yahoogroups.com>
; johnson@...<mailto:johnson@...> ; allied@...<mailto:allied@...>
Sent: Wednesday, December 17, 2008 1:46 PM
Subject: [heathkitnovicestations] TUBE RADIO OPERATING EVENT... Heavy Metal Rally

This sounds like a GREAT activity!!
Relayed from Florida Boatanchors:

= = =

Contest: Heavy Metal Rally Contest

Presented by: Radio Club Querétaro, A.C. XE1RCQ

Objective: To contact as many amateur stations as possible using
vintage radios on AM and CW modes.

Starts: 00:00 UTC March 14, 2009.

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1. All participants must use 100% valves radios, however there is
a category to allow use of modern radios. Only two modes of operation
allowed: AM and CW.

2. To enter on vintage category, participants must send an email at xe1rcq@...<mailto:xe1rcq@...> with: Picture of the radio to be used and a brief description of the station.

3. Exchange: All vintage stations must add a letter V on RST. Example: XE1RCQ 59 V001. Stations in Modern category do not need to send the letter V.

4. The contest call will be: In AM: "CQ Heavy Metal Contest" and "CQ HM Test" for CW

5. Operating frequencies: All contesters must meet their national regulations about the use of AM and CW.

6. Operating modes: AM and CW only.

7. Multiplier: one for each contacted station on different band and DXCC Entity.

8. One call sign allowed to transmit at the same time and same mode.

9. Categories: Vintage and Modern. No power limit

8.2.0 Single Operator

8.2.1 Club with a maximum of 5 registered amateur operators.

10. It is allowed to enter on both categories, by sending a separate log for each one. Note point #8

11. Logs must be on Cabrillo format and must contain final score sheet.

12. Deadline: All entries must be postmarked NO LATER than April 4, 2009. And the logs must be sent to: xe1rcq@prodigy.net.mx. The subject must be the entrant's call sign and category. Paper logs will be accepted at: P.O. BOX 632. C.P. 76000, Queretaro, Qro. Mexico.

13. Final results will be published on the RCQ's Web page (www.xe1rcq.org) and different communication bulletins by September 2009.

14. Score

14.2.1 Everyone can work everyone.

14.2.2 2 points to Vintage-Vintage contact.

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14.2.5 Modern-Modern contact are not valid.

*** Vintage equipment: , Viking, Johnson, Hallicrafters, Drake, etc.
***

15. Prize to the first place on each category.

16. Electronic Diploma for all participants with a minimum of 50 points

17. Actions and decisions of the Heavy Metal Rally contest committee are official and final.

XE1YZY

Contest Manager

371. RE: TUBE RADIO OPERATING EVENT... Heavy Metal Rally

Yahoo group: heathkitnovicestations
Date: 2008-12-17 22:23:35 UTC
From: Bry Carling
Topic: 369 Message: 371

From: "JAMES HANLON" <knjhanlon@...>

> Any idea what the Cabrillo format log is?

Never heard of it.... sounds like something for polishing pots and
pans!

372. Cabrillo-Format Logs

Yahoo group: heathkitnovicestations
Date: 2008-12-17 22:29:57 UTC
From: Steven S. Coles
Topic: 372 Message: 372

All,

I have no idea what Cabrillo-format logs are. But here's a web site devoted to them:

http://www.kkn.net/~trey/cabrillo/

Best regards,

Steven

373. Re: [heathkitnovicestations] TUBE RADIO OPERATING EVENT... Heavy Metal Rally

Yahoo group: heathkitnovicestations
Date: 2008-12-20 15:29:42 UTC
From: N2EY@aol.com
Topic: 369 Message: 373

In a message dated 12/17/08 3:51:20 P.M. Eastern Standard Time,
knjhanlon@... writes:

Sounds a bit like the Classic Exchange. Any idea what the Cabrillo format
log is?

It's a standard text format for contest logs used by ARRL and others. That
way, computer-generated logs can be handled by logchecking software without a
lot of headaches.

I can send you an example if you're interested.

My personal favorite for computer contest logging is the stuff N3FJP sells.
Runs on almost any old Windoze machine (I used a 300 MHz PII running Win98SE
for SS this year and it was loafing) . It's inexpensive and you can try
before you buy. Cost me $6 for the SS version; I can't buy lunch for $6 anymore.

(standard disclaimer - just a satisfied customer)

73 de Jim, N2EY

(btw, the computer and monitor I used was rebuilt from dumpster parts and
cost me nothing but time.)
**********One site keeps you connected to all your email: AOL Mail,
Gmail, and Yahoo Mail. Try it now.
(http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000025)

374. Re: [heathkitnovicestations] TUBE RADIO OPERATING EVENT... Heavy Metal Rally

Yahoo group: heathkitnovicestations
Date: 2008-12-20 19:27:01 UTC
From: JAMES HANLON
Topic: 369 Message: 374

Jim,

This sounds interesting. Will the N3FJP program generate a log in the Cabrillo Format?

Jim

----- Original Message -----
From: N2EY@aol.com<mailto:N2EY@...>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Saturday, December 20, 2008 8:29 AM
Subject: Re: [heathkitnovicestations] TUBE RADIO OPERATING EVENT... Heavy Metal Rally

In a message dated 12/17/08 3:51:20 P.M. Eastern Standard Time,
knjhanlon@...<mailto:knjhanlon@...> writes:
Sounds a bit like the Classic Exchange. Any idea what the Cabrillo format log is?
It's a standard text format for contest logs used by ARRL and others. That way,
computer-generated logs can be handled by logchecking software without a lot of headaches.

I can send you an example if you're interested.

My personal favorite for computer contest logging is the stuff N3FJP sells. Runs on almost
any old Windoze machine (I used a 300 MHz PII running Win98SE for SS this year and it was
loafing) . It's inexpensive and you can try before you buy. Cost me $6 for the SS version;
I can't buy lunch for $6 anymore.

(standard disclaimer - just a satisfied customer)

73 de Jim, N2EY

(btw, the computer and monitor I used was rebuilt from dumpster parts and cost me nothing
but time.)

One site keeps you connected to all your email: AOL Mail, Gmail, and Yahoo Mail. Try it
now<http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000025>.

375. Re: [heathkitnovicestations] TUBE RADIO OPERATING EVENT... Heavy Metal Rally

Yahoo group: heathkitnovicestations
Date: 2008-12-22 03:48:27 UTC
From: N2EY@aol.com
Topic: 369 Message: 375

In a message dated 12/20/08 2:28:46 P.M. Eastern Standard Time,
knjhanlon@... writes:

Jim,

This sounds interesting. Will the N3FJP program generate a log in the
Cabrillo Format?

Jim

Yes, it will.

For decades I used paper logs for SS. Worked well but recopying and checking
the logs took almost as much time as the contest!

Then in 2007 I got N3FJP's SS package. When the contest was over, I had it
generate a Cabrillo file, emailed it to ARRL and was done. Almost too easy.

You can download any N3FJP logging program from his site for free to try it
out.

http://www.n3fjp.com/ (http://www.n3fjp.com/)

All features work; it just has a limit of a very few QSOs. (The SS version
works for 20 QSOs and then stops). If you want a working version, you pay the
fee and he emails you the special password to unlock it. I think the special
password is related to your callsign but I'm not sure.

I first learned about it on Field Day a few years ago. Local club used it in
networked configuration (one license for the whole club). It kept all our
logs, kept track of ops, who was on what band, etc. Submitting the report was a
breeze.

Anyway, I have no connection to N3FJP except as a satisfied customer and
user. It's not the most sophisticated software logger in the world but for me
that's a plus!

73 de Jim, N2EY

great QST article, too. Congrats!
**********One site keeps you connected to all your email: AOL Mail,
Gmail, and Yahoo Mail. Try it now.
(http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000025)

376. Re: [heathkitnovicestations] TUBE RADIO OPERATING EVENT... Heavy Metal Rally

Yahoo group: heathkitnovicestations
Date: 2008-12-22 09:55:09 UTC
From: Bry Carling
Topic: 369 Message: 376

Thanks Jim - that's very useful; and I will try it also...

These contests are VERY useful when trying out our old radios, like
the heath novie rigs, DX60s I have owned etc. (or other chores
like evaluating a new antenna...)

You can get on and make some rapid contacts top various
locations. It's also useful if you have a weak signal statoin, QRP or
inefficient antenna on a small lot,
because people REALLY listen for weaker signals during
contests - they are anxious to work ANYONE!

One of the best tricks I know is to get slightly out on the
edge of the activity, like if the contest activity is mostly in the
range of 7030 - 7050 kHz, you park on 7055 and call CQ
contest or hunt for stations out on the edge. You are much
more likely to be heard there than in the thick of things where
guys are claling each other using a KW to a 2 element beam
antenna at 90 feet!!

> In a message dated 12/20/08 2:28:46 P.M. Eastern Standard Time, knjhanlon@... writes:
> Jim,
>
> This sounds interesting. Will the N3FJP program generate a log in the Cabrillo Format?
>
> Jim
>
>
> Yes, it will.
>
> For decades I used paper logs for SS. Worked well but recopying and checking the logs
took
> almost as much time as the contest!
>
> Then in 2007 I got N3FJP's SS package. When the contest was over,I had it generate a
Cabrillo
> file, emailed it to ARRL and was done. Almost too easy.
>
> You can download any N3FJPlogging program from his site for free to try it out.
>
> http://www.n3fjp.com/
>
> All features work; it just has a limit of a very few QSOs. (The SSversion works for 20
QSOs and
> then stops). If you want a working version, you pay the fee and he emails you the special

> password to unlock it. I think the special password is related to your callsign but I'm not sure.
>
> I first learned about it on Field Day a few years ago. Local club used it in networked configuration
> (one license for the whole club). It kept all our logs, kept track of ops, who was on what band,
> etc. Submitting the report was a breeze.
>
> Anyway, I have no connection to N3FJP except as a satisfied customer and user. It's not the
> most sophisticated software logger in the world but for me that's a plus!
>
> 73 de Jim, N2EY
>
> great QST article, too. Congrats!
>
>
>
>
> One site keeps you connected to all your email: AOL Mail, Gmail, and Yahoo Mail. Try it now.
>

377. Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 17:55:25 UTC
From: Steven S. Coles
Topic: 377 Message: 377

All,

What's pile up's big attraction? In 1960s AM operation we'd have participants in a rag chew spread over 50.2 through 50.4 MHz and another rag chew spread over 50.6-50.8 MHz depending on the crystals various operators owned. We could have 6 operators on 6 different frequencies. It kept our tuning wrists strong. But we had a ball.

Heck. I used an Armstrong antenna rotator. This time of year snow could pile up on my receiver.

But pile ups? Intentional QRM? Aren't pile ups just a way of not being heard?

73,

Steven

378. Re: [heathkitnovicestations] Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 18:35:55 UTC
From: N2EY@aol.com
Topic: 377 Message: 378

In a message dated 12/22/08 12:55:40 P.M. Eastern Standard Time,
steven_coles@... writes:

>What's pile up's big attraction?

I'm not sure what you're asking.

The kind of "pileup" I'm familiar with occurs when a rare (usually but not always DX) station is being called by many not-so-rare stations, all wanting a contact.

It takes skill and judgement for the rare one to run a pileup effectively, and for a calling station to get a QSO. Methods range from totally clueless (such as calling on top of the rare one after s/he has specifically said s/he's listening elsewhere) to really sharp (calling just when and where the rare one is listening, and getting the QSO in as few seconds as possible).

>In 1960s AM operation we'd have
>participants in a rag chew spread over 50.2 through 50.4 MHz and
>another rag chew spread over 50.6-50.8 MHz depending on the crystals
>various operators owned. We could have 6 operators on 6 different
>frequencies. It kept our tuning wrists strong. But we had a ball.

What's even better IMHO is when everyone in a ragchew is on the same frequency. That way, there's no retuning, quick exchanges are possible, and the ragchew uses much less of the band. On 6 meters that might not be a big deal, but on a band like 75 or 40 it is.

If what you mean by "pileup" is a roundtable/ragchew where everyone is on the same frequency, that's a term I've not heard before.

>Heck. I used an Armstrong antenna rotator. This time of year snow
>could pile up on my receiver.

>But pile ups? Intentional QRM? Aren't pile ups just a way of not
>being heard?

Pileups aren't intentional QRM, nor are they a way of not being heard.

73 de Jim, N2EY

**********One site keeps you connected to all your email: AOL Mail, Gmail, and Yahoo Mail. Try it now.
(http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000025)

379. Re: [heathkitnovicestations] Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 18:46:34 UTC
From: Bob Macklin
Topic: 377 Message: 379

Back in the 60's most of us worked both 6M and 2M that way. We used whatever crystal we could find. Nobody bitched. Sometimes we could get our local Radio/TV supplier (that also stocked ham parts) to get a batch of 6M and 2M crystals on the same frequency. In my case in those days there were only a few of us operating 2M in Silicon Valley.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Steven S. Coles
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, December 22, 2008 9:55 AM
Subject: [heathkitnovicestations] Pile Up Question

All,

What's pile up's big attraction? In 1960s AM operation we'd have participants in a rag chew spread over 50.2 through 50.4 MHz and another rag chew spread over 50.6-50.8 MHz depending on the crystals various operators owned. We could have 6 operators on 6 different frequencies. It kept our tuning wrists strong. But we had a ball.

Heck. I used an Armstrong antenna rotator. This time of year snow could pile up on my receiver.

But pile ups? Intentional QRM? Aren't pile ups just a way of not being heard?

73,

Steven

380. Re: Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 19:18:11 UTC
From: Steven S. Coles
Topic: 377 Message: 380

All,

I use our 1960s rag chews (which used more than 500 Hz of a band) in contrast to pileups. In the Puget-Sound Basin rag chews worked pretty much as Bob describes for Silicon Valley.

We had a couple companies selling ham crystals (International Crystal? Texas Crystal?). Even after a group buy, crystal variations and peculiarities of our tripling (usually ~8.4 MHz to~25 MHz) oscillators still spread us over 20 or 30 kHz. Then new people who weren't in the group buy would join our round tables□back to 200 kHz wide rag chews.

Only a few operators had sufficient VFO-building skills. Remember a design that drifts 200 Hz at 40 meters drifts 1400 Hz when multiplied to 6 meters. The only commercial component in my home station was the AM modulator. That was about par.

Have to admit I don't get chasing rare stations. About all you get is a signal report and an eventual QSL card. The only information about their technology is a note on the QSL card (if you're lucky).

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin" <macklinbob@...> wrote:
>
> Back in the 60's most of us worked both 6M and 2M that way. We used whatever crystal we could find. Nobody bitched. Sometimes we could get our local Radio/TV supplier (that also stocked ham parts) to get a batch of 6M and 2M crystals on the same frequency. In my case in those days there were only a few of us operating 2M in Silicon Valley.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>

381. Re: [heathkitnovicestations] Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 19:21:20 UTC
From: WØQFC
Topic: 377 Message: 381

Back 'then' I used a Seneca (Still have it!) but only for 2 M AM. Even though it had a VFO, I don't remember using it as most of the guys were on the same freq and we all had xtals. Also was on 2M MARS (AFØQFC).
Never had it on 6 and to this day have never been on 6. However, I am now getting a 6 M station together with a clone Cushcraft 3el ^ 40', the Seneca, NC-303 (with the converters) and a NC-173 as a backup RX.

"Where are all the Gooney Birds now?"

Gene, WØQFC

Stuff for sale: www.w0qfc.shutterfly.com
Web site: www.w0qfc.com

AF&AM #91 Lafayette CO

382. Re: [heathkitnovicestations] Re: Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 19:26:19 UTC
From: Bob Macklin
Topic: 377 Message: 382

We would just get on 2M AM in the evening and BS. We also ran RTTY with AFSK.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Steven S. Coles
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, December 22, 2008 11:18 AM
Subject: [heathkitnovicestations] Re: Pile Up Question

All,

I use our 1960s rag chews (which used more than 500 Hz of a band) in contrast to pileups. In the Puget-Sound Basin rag chews worked pretty much as Bob describes for Silicon Valley.

We had a couple companies selling ham crystals (International Crystal? Texas Crystal?). Even after a group buy, crystal variations and peculiarities of our tripling (usually ~8.4 MHz to~25 MHz) oscillators still spread us over 20 or 30 kHz. Then new people who weren't in the group buy would join our round tables-back to 200 kHz wide rag chews.

Only a few operators had sufficient VFO-building skills. Remember a design that drifts 200 Hz at 40 meters drifts 1400 Hz when multiplied to 6 meters. The only commercial component in my home station was the AM modulator. That was about par.

Have to admit I don't get chasing rare stations. About all you get is a signal report and an eventual QSL card. The only information about their technology is a note on the QSL card (if you're lucky).

73,

Steven

--- In heathkitnovicestations@yahoogroups.com, "Bob Macklin" <macklinbob@...> wrote:
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> Back in the 60's most of us worked both 6M and 2M that way. We used whatever crystal we could find. Nobody bitched. Sometimes we could get our local Radio/TV supplier (that also stocked ham parts) to get a batch of 6M and 2M crystals on the same frequency. In my case in those days there were only a few of us operating 2M in Silicon Valley.
>

> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>

383. Re: [heathkitnovicestations] Re: Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 20:42:16 UTC
From: Charles W5COV
Topic: 377 Message: 383

Even as a Novice in those days I joined the guys on "145.1" which was just a number , because I doubt many of us were on exactly the same frequency . There was a big group every night.

I started out with a homebrew super regen transceiver . So I didn't have to worry what their exact frequency was. A homebrew 7 element beam fed with 300 ohm line and rotated by hand .

I have a Communicator III all crystaled up and on the bench. I turn it on from time to time when another local digs out one of their old rigs . Still have my original Heath sixer and twoer . Have listened on 6 a few times when the band was open but haven't worked anyone with it in years.

Charlie , W5COV

384. RE: [SPAM]Re: [heathkitnovicestations] Re: Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 21:23:35 UTC
From: W8KZW
Topic: 377 Message: 384

As a Novice, I remember signing out the Heathkit Two'er to bring home from Radio Club in junior high school ... 1965 or thereabouts. We had only one crystal, and I don't remember the frequency. Stuck a coat hanger in the phono plug in the rear.

I'd end my CQ with " here is WN2SCH in Poughkeepsie, New York calling CQ and tuning". And then I'd TUNE! From one end of the band to the other, listening for any other rock-bound station ... anywhere in the band ... to answer! It only took a moment, and heaven knows how many QSO's I had working "split"!

Come to think about it, when I was rock bound on 7175 CW, I'd tune +/- many KC after a CQ in case there was another ham whose 40 meter crystal wasn't cut the same as mine! Ran a homebrew 6DQ6 rig and a Hallicrafters S-107.

... Anybody have me in their log? :-)

Boy, were those days ever fun!

73,
Jeff
W8KZW (WN2SCH, WB2WRH, WB5KZW)

385. Re: [heathkitnovicestations] Pile Up Question

Yahoo group: heathkitnovicestations
Date: 2008-12-22 22:15:37 UTC
From: Carl
Topic: 377 Message: 385

With 8 mc crystals it was easy and cheap to have a handful of the most popular WW2 frequencies for either band.

In the NYC area in the 50's there was no need to retune more than the crystal frequency tolerance. And the receiver/converters drift of course.

Most used WW2 surplus or homebrew transmitters and either tuneable or crystal controlled converters into a HF receiver using a 7 or 14 mc IF in the 50's and early 60's.

I went SSB on 6/2M in 1963 with a CE 10A exciter, ARC-5 VFO, home brew transverters, and used the amps as AM linears when needed. By 1967 AM was pretty much dead in this area.

These days I run 1500W on 6 n 2 SSB/CW and use a Clegg Zeus and Interceptor for AM.

Carl
KM1H

----- Original Message -----
From: "Bob Macklin" <macklinbob@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Monday, December 22, 2008 1:46 PM
Subject: Re: [heathkitnovicestations] Pile Up Question

Back in the 60's most of us worked both 6M and 2M that way. We used whatever crystal we could find. Nobody bitched. Sometimes we could get our local Radio/TV supplier (that also stocked ham parts) to get a batch of 6M and 2M crystals on the same frequency. In my case in those days there were only a few of us operating 2M in Silicon Valley.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Steven S. Coles
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, December 22, 2008 9:55 AM
Subject: [heathkitnovicestations] Pile Up Question

All,

What's pile up's big attraction? In 1960s AM operation we'd have participants in a rag chew spread over 50.2 through 50.4 MHz and

another rag chew spread over 50.6-50.8 MHz depending on the crystals various operators owned. We could have 6 operators on 6 different frequencies. It kept our tuning wrists strong. But we had a ball.

Heck. I used an Armstrong antenna rotator. This time of year snow could pile up on my receiver.

But pile ups? Intentional QRM? Aren't pile ups just a way of not being heard?

73,

Steven

386. Propagation and Activities

Yahoo group: heathkitnovicestations
Date: 2009-01-02 20:38:28 UTC
From: Bob Macklin
Topic: 386 Message: 386

This morning I read that the past year was the longest and lowest period of solar activity since the start of the US Space Program.

I have been looking at the charts of the last 20 years of solar cycle data. I can correlate it with the decline in activity I have seen here in the PNW.

We may see some improvement this year but it may be a couple of years before it's anything to talk about.

I hope I'm still around when things improve!

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

387. Re: [heathkitnovicestations] Propagation and Activities

Yahoo group: heathkitnovicestations
Date: 2009-01-02 22:16:25 UTC
From: wa5pok@peoplepc.com
Topic: 386 Message: 387

I sorta like this part of the solar cycle, lots of stations move to the low bands. I worked 18 stations in 15 countries on 160 meters last night, mostly eastern European. I sure miss 10 meters mobile but I have the solution!

http://physicsfiles.com/solarflux.html

To keep it Heathkit (but not novice) my amp is a SB-1000.

73, Mike WA5POK
>
> This morning I read that the past year was the longest and lowest
> period of solar activity since the start of the US Space Program.
>
> I have been looking at the charts of the last 20 years of solar cycle
> data. I can correlate it with the decline in activity I have seen here
> in the PNW.
>
> We may see some improvement this year but it may be a couple of years
> before it's anything to talk about.
>
> I hope I'm still around when things improve!
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>

388. Re: [heathkitnovicestations] Propagation and Activities

Yahoo group: heathkitnovicestations
Date: 2009-01-02 23:22:00 UTC
From: Bry Carling
Topic: 386 Message: 388

I am not surprised, Bob...

2012 is going to be a good year... hold on!!

May the PROPAGATION, AND the ECONOMY improve by then!!

> This morning I read that the past year was the longest and lowest period of solar activity since
> the start of the US Space Program.
>
> I have been looking at the charts of the last 20 years of solar cycle data. I can correlate it with
> the decline in activity I have seen here in the PNW.
>
> We may see some improvement this year but it may be a couple of years before it's anything to
> talk about.
>
> I hope I'm still around when things improve!
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>

389. AT-1 assembly manual?

Yahoo group: heathkitnovicestations
Date: 2009-01-07 19:46:15 UTC
From: Randy Perkins
Topic: 389 Message: 389

Anyone have a complete AT-1 assembly manual in electronic format? I have a friend that needs one @ nr5ajerry [at] gmail.com

Thanks

390. Availability of DK3 Screwdriver Antenna

Yahoo group: heathkitnovicestations
Date: 2009-01-10 13:46:13 UTC
From: Howard Weinstein
Topic: 390 Message: 390

Gentlemen,

I am interested in procuring a DK3 Screwdriver Antenna and have been lead to believe that they are no longer in production or available as Don W6AAQ is in retirement... Is this true?

Is the DK3 the best screwdriver antenna available? If not - what is the highest quality screwdriver antenna available on the market today?

de Howard K3HW

391. FS: Ham Parts etc. #1

Yahoo group: heathkitnovicestations
Date: 2009-01-19 15:52:02 UTC
From: Bry Carling
Topic: 391 Message: 391

FOR SALE: (GROUP #1)

Military Radio Shock Mounts... type 780-10G
QTY 4 for $24.00 plus shipping

Reduction Drive - right angle type with dual shafts.
120:1 reduction - Qty 1 available for $12.00

CS-137 Military CRYSTAL CASE for 120 FT243 crystals $25.00

250 Hz CW filter kit for 455 kHz I.F. - $30.00

Frequency Counter probe. BNC to Clip hook - $10.00

12-pin Cinch Jones connectors - as used for AC power cable
on SWAN radios, Yaesu FT-101 series radios, Kenwood radios etc.
Available $6.00 - or buy two or more at $5.00 each.

Tower Warning Signs: "WARNING DO NOT CLIMB" - $4.00 each

QTY 2 - 500K Potentiometers - standard 2 watt panel type mount
type with 1/4 inch shaft. Available for $4.00 each.

QTY 2 - Allen Bradley 50K Potentiometers - Type J - standard
2 watt panel type mount type with 1/4 inch shaft.
Available for $4.00 each.

SIX HC50/U CRYSTAL SOCKETS.
Use for HC-25/U and other small plug-in crystals.
5mm pin spacing = 5/32" spacing. Same as used in almost all
1970 - 1985 era ham rigs. 6 available for $10.00 (FOR ALL SIX!)
plus shipping.

QTY 2 Ohmite Power resistors - 3 ohms at 500 Watts each.
Available for $12.00 each.

QTY 11 New NON-INDUCTIVE RESISTORS, 10 ohms 100 Watts
Available for $6.00 each or buy all eleven for $56.00

QTY 6 NON-INDUCTIVE RESISTORS, 175 ohms at 75 watts
Available for $5.00 each or buy all 6 for $24.00

1 Megohm 1/4W 5% Carbon Film Resistor - 5 cents each.

BC-610 CRYSTALS - large (Type FT-171B)
Normally $19.00 each... Packages of three for $25.00

GROUP #1 OF 3 X FT171B CRYSTALS
2630, 3550, 3580 kHz

GROUP #3 OF 3 X FT171B CRYSTALS
3705, 3945, 3955 kHz

GROUP #4 OF 3 X FT171B CRYSTALS
3835, 3945, 3955 kHz

ROTARY SWITCHES - QTY of 6 assorted rotary wafer switches.
All 6 for $12.00 total plus shipping.

Quantity 4 H.V. Variable Capacitors - 250 pF, 50 pF and two 30 pF
spilt stator. Buy all four for $12.00 plus shipping

Pictures and details:

http://www.af4k.com/miscpart.htm

73 de AF4K, Bry

392. FS: Ham Parts etc. #2

Yahoo group: heathkitnovicestations
Date: 2009-01-19 15:54:49 UTC
From: Bry Carling
Topic: 392 Message: 392

FOR SALE: (GROUP #2)

11-pin plugs and sockets for Heathkits - $3.00 each

1N21BR Microwave Diode - QTY 1 available for $10.00

Straight Key for CW Morse fun - needs knob - $5.00

Group of 5 old radio knobs - $5.00

AC transformer - 115V AC to 36V CT at 4A with 120V AC primary.
Qty 1 available for $6.00

CHOKE 5.5H at 250 mA model 6742-1.
Not sure of brand, but looks like the typical Stancor etc.
Qty 1 Available for $10.00 plus shipping

FT243 crystal for 7000 kHz - $5.00
FT243 crystal for 7010 kHz - $12.00
FT243 crystal for 7040 kHz - $12.00
FT243 crystal for 7050 kHz - $12.00
FT243 crystal for 7140 kHz - $12.00
FT243 crystal for 7300 kHz - $5.00

Waxed Lacing Cord - 500 Yard spool $15.00
Waxed Lacing Cord - 200 Yard spool $10.00
Unwaxed Lacing Cord - 500 Yard spool $8.00

CRYSTAL OVENS - made by REL - 11-pin types
similar to Octal socket. (sockets available!)
these hold up to three HC6U crystals, and run
at 75 degrees C with 6.3V heater power.
Available for $5.00 each

QTY of 20 FT241 Crystals on random LF Frequencies.
All in excellent condition. Most appear to be unused.
Buy 20 for a total of just $9.00 plus shipping.

New 1000pF 2KV Ceramic Disc Capacitor - 40 cents each or 30c
each if you buy 10 or more.

Pictures and details:

http://www.af4k.com/miscpart.htm

73 de AF4K, Bry

393. Recent Activity?

Yahoo group: heathkitnovicestations
Date: 2009-01-20 04:08:03 UTC
From: Bob Macklin
Topic: 393 Message: 393

At my QTH here in the PNW the activity on the bands has been almost as bad as on some of the message boards.

A few weeks ago I monitored the RTTY contest and on 20M I was able to copy East Coast stations from NY to Fl. U also had good copy on the Central US from the Gulf Coast to Southern Canada. I was also able to copy the SW in Az and SoCal.

Bit on 40M after sundown things were pretty sparse. And I did not hear SQUAT on 80M during the evening.

Two weeks ago I tried the CW contest but 20M was very sparse during the time I checked it. Nothing like the RTTY contest the preceding weekend. And I did not hear SQUAT on either 40M or 80M.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

394. Re: [heathkitnovicestations] Recent Activity?

Yahoo group: heathkitnovicestations
Date: 2009-01-20 14:59:38 UTC
From: rev. don
Topic: 393 Message: 394

Here in Alabama much the same. I have a S9 hiss level and stations that used to be 10 to 20 over on 80 SSB are just above the noise. Several others in our ragchew group noted the same. I sure hope now that Obama is being sworn in, he will fix the propagation. Seems he has promised to fix everything else.
Don W4BWS
----- Original Message -----
From: Bob Macklin
To: Heath Novice Stations
Sent: Monday, January 19, 2009 10:08 PM
Subject: [heathkitnovicestations] Recent Activity?

At my QTH here in the PNW the activity on the bands has been almost as bad as on some of the message boards.

A few weeks ago I monitored the RTTY contest and on 20M I was able to copy East Coast stations from NY to Fl. U also had good copy on the Central US from the Gulf Coast to Southern Canada. I was also able to copy the SW in Az and SoCal.

Bit on 40M after sundown things were pretty sparse. And I did not hear SQUAT on 80M during the evening.

Two weeks ago I tried the CW contest but 20M was very sparse during the time I checked it. Nothing like the RTTY contest the preceding weekend. And I did not hear SQUAT on either 40M or 80M.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

395. CX this Sunday

Yahoo group: heathkitnovicestations
Date: 2009-01-22 17:15:47 UTC
From: JAMES HANLON
Topic: 395 Message: 395

Y'all,

Don't forget, the CW portion of the Classic Exchange is running this Sunday, 1/25. The phone portion runs Sunday, 2/15. It's a great QSO Party for your Heathkit gear. I have my AT-1, DX-20, DX-60, DX-100, and Apache all ready to go. You can find details at the CX web site, http://qsl.asti.com/CX/<about:blank> . Look at the January/February 2009 CX ANNOUNCEMENT.

Hope to see you there!

Jim, W8KGI

396. FS - TWO (2) GE 6146W's manufactured 1987 NOS NIB and GUARANTEED!

Yahoo group: heathkitnovicestations
Date: 2009-02-15 05:48:52 UTC
From: Howard Weinstein
Topic: 396 Message: 396

Gang

I have two (2) GE 6146W's manufactured in 1987. They are NOS in their original boxes and excess to my needs.

$39.00 for both tubes which includes Shipping via USPS Priority mail with Delivery Confirmation.

Payment via PayPal to - k3hw@....

I guarantee them unconditionally and if you are not happy with them for any reason return them to me within 7 days of receipt in original condition and I will refund the purchase price less cost of shipping.

I will ship these tubes IMMEDIATELY upon receipt of payment via PayPal.

Tnx es 73

Howard Weinstein K3HW
103 Barnes Street
Ashley PA 18706

397. FS - Autek Research QF-1 Audio Filter Excellent Condition

Yahoo group: heathkitnovicestations
Date: 2009-02-16 05:25:15 UTC
From: Howard Weinstein
Topic: 397 Message: 397

Gang,

My Autek FResearch QF-1 Audio Filter is excess to my needs right now.

It is a cosmetic 8.5 - 9.0 and It operates to factory specifications.

In other words it looks great and works perfectly.

A copy of the instructions and schematic are included.

$30.00 includes shipping via USPS Priority Mail anywhere CONUS.

PayPal payment to k3hw@...

Tnx es 72/73 de K3HW

Howard Weinstein
103 Barnes Street
Ashley PA 18706

398. Re: [SPAM] [heathkitnovicestations] FS - Autek Research QF-1 Audio Filter Excellent Condition

Yahoo group: heathkitnovicestations
Date: 2009-02-17 01:37:25 UTC
From: Gary Pewitt
Topic: 397 Message: 398

Howard, I'd like to nuy it please. Thanks Gary N9ZSV

Howard Weinstein wrote:
>
> Gang,
>
> My Autek FResearch QF-1 Audio Filter is excess to my needs right now.
>
> It is a cosmetic 8.5 - 9.0 and It operates to factory specifications.
>
> In other words it looks great and works perfectly.
>
> A copy of the instructions and schematic are included.
>
> $30.00 includes shipping via USPS Priority Mail anywhere CONUS.
>
> PayPal payment to k3hw@... <mailto:k3hw%40yahoo.com>
>
> Tnx es 72/73 de K3HW
>
> Howard Weinstein
> 103 Barnes Street
> Ashley PA 18706
>
>

399. FS - 814 (VT-154) GE NOS NIB Power Beam Pentodes Guaranteed

Yahoo group: heathkitnovicestations
Date: 2009-02-17 15:44:09 UTC
From: Howard Weinstein
Topic: 399 Message: 399

Gang,

I have five (5) NOS NIB 814 (VT-154) GE Power Beam Pentodes that are excess to my needs. $21.00 each plus shipping. I can ship one or two 814's in a LARGE USPS PRIORITY FLAT RATE BOX for $11.00 anywhere CONUS.

The 814/VT-154 has a thoriated-tungsten-filament and is typically used as single ended audio amplifier, rf power amplifier, or oscillator. In Class C operation (CW) 1.5 watts of drive will yield 160 WATTS and when modulated 3.2 watts of drive will yield 130 WATTS.

Requires small five-contact socket (similar to that required for the 807) and may be operated in a vertical position base down, or in a horizontal position with pins 2 and 4 in the vertical plane. These 814's are NOS NIB and were manufactured to MILITARY SPECIFICATIONS (milspec) in May of 1954 by General Electric for the US Navy. They are in perfect condition and are packed in their ORIGINAL oversized boxes (tube is almost 8 inches long) with SPECIAL packing "blankets" that are similar to cotton with a stiff corrugated cardboard backing. They will be securely packed and shipped via USPS Priority Mail with Delivery Confirmation.

There is a 100% money back guarantee on these 814's... If for any reason you are not satisfied with these VINTAGE BEAUTIES you may return them in ORIGINAL condition within 7 days of receipt for a full refund of your purchase price less shipping costs.

PayPal to k3hw@...

Tnx es 73 de K3HW

Howard Weinstein
103 Barnes Street
Ashley PA 18706

400. FS - SCAF-1 Audio Filter by Idiom Press EXCELLENT CONDITION!!!

Yahoo group: heathkitnovicestations
Date: 2009-02-19 16:05:16 UTC
From: Howard Weinstein
Topic: 400 Message: 400

Gang,

I have an Idiom Press SCAF-1 Audio Filter that is now excess to my needs. It is probably THE BEST audio filter on the market today. It is a cosmetic 9.5 and an electrical 10.0 and it meets or exceeds factory specifications. In other words it works GREAT!!!

$65.00 includes shipping via USPS Priority Mail with Delivery Confirmation anywhere CONUS.

Satisfaction Guaranteed or your money back less shipping costs.

I prefer payment via PayPal to:

k3hw@...

as this allows me to create a shipping label and get your SCAF-1 Audio Filter to the Post Office within hours instead of days!

Tnx es 72/73 de K3HW

Howard Weinstein
103 Barnes street
Ashley PA 18706

401. SCAF-1 Audio Filter by Idiom Press SOLD!

Yahoo group: heathkitnovicestations
Date: 2009-02-19 20:51:01 UTC
From: Howard Weinstein
Topic: 401 Message: 401

Gang,

Idiom Press SCAF-1 Audio Filter is SOLD!

Thanks for all of your inquiries and interest

de Howard K3HW

402. Re: [heathkitnovicestations] FS - SCAF-1 Audio Filter by Idiom Press EXCELLENT CONDITION!!!

Yahoo group: heathkitnovicestations
Date: 2009-02-20 00:19:12 UTC
From: Gary Pewitt
Topic: 400 Message: 402

Howard, did your Autec filter sell? I sent a message asking to buy it
but have not heard from you.
73 Gary N9ZSV

Howard Weinstein wrote:
>
> Gang,
>
> I have an Idiom Press SCAF-1 Audio Filter that is now excess to my
> needs. It is probably THE BEST audio filter on the market today. It is
> a cosmetic 9.5 and an electrical 10.0 and it meets or exceeds factory
> specifications. In other words it works GREAT!!!
>
> $65.00 includes shipping via USPS Priority Mail with Delivery
> Confirmation anywhere CONUS.
>
> Satisfaction Guaranteed or your money back less shipping costs.
>
> I prefer payment via PayPal to:
>
> k3hw@... <mailto:k3hw%40yahoo.com>
>
> as this allows me to create a shipping label and get your SCAF-1 Audio
> Filter to the Post Office within hours instead of days!
>
> Tnx es 72/73 de K3HW
>
> Howard Weinstein
> 103 Barnes street
> Ashley PA 18706
>
>

403. FS - MFJ-202B Receiver Noise Bridge in Excellent condition

Yahoo group: heathkitnovicestations
Date: 2009-02-21 18:51:03 UTC
From: Howard Weinstein
Topic: 403 Message: 403

This MFJ-202B Receiver Noise Bridge is excess to my needs as I recently obtained an MFJ-259B Antenna Analyzer.

This unit is a cosmetic 8.5 - 9.0 and an electrical 10.0 - it works welll and meets factory specifications for operation.

A great instrument for adjusting your dipole, inverted vee, beam, vertical, mobile whip or random wire for peak performance. Helps you determine whether you must shorten or lengthen your antenna for minimum SWR.

Measures resonant frequency, feedpoint resonance, reactance, and impedance. Works with any receiver or transceiver through 100 MHz.

There is an individually hand-calibrated resistance scale. The Range of the Resistance dial (R) is 0 to 250 ohms and the Reactance dial (X) is -150 to +150 pF.

$39.00 via PayPal to k3hw@... includes shipping anywhere CONUS via USPS Priority Mail with Delivery Confirmation.

Thank you for your interest

72/73 de K3HW

Howard Weinstein
103 Barnes Street
Ashley PA 18706

404. FS - 2 - 30 MHz RF Amplifier 5 watts in 100 watts out Good Condition

Yahoo group: heathkitnovicestations
Date: 2009-02-21 20:46:56 UTC
From: Howard Weinstein
Topic: 404 Message: 404

Gang,

I want to keep this amplifier out of the hands of CB'ers so it is only going to be listed for hams:

This is a Sidewinder 100 Broadband Linear Amplifier by Hayden Electronics Inc. It works 2 through 30 MHz and will generate about 100 watts with 5 watts of excitation.

It has a broadband receiver preamplifier good for about 21 dB of gain. It is capable of handling CW/AM/SSB input @ a max of 5 watts.

I have used this amplifier in the mobile when I get frustrated or fed up with my QRP gear. It produces a respectable signal on 20 and 40 meters from my mobile and I am only using a couple of Ham Sticks.

$79.00 via PayPal to k3hw@... includes shipping anywhere CONUS via USPS Priority Mail with Delivery Confirmation.

Thank you for your interest

72/73 de K3HW

Howard Weinstein
103 Barnes Street
Ashley PA 18706

405. New Members!

Yahoo group: heathkitnovicestations
Date: 2009-03-04 19:14:53 UTC
From: Bob Macklin
Topic: 405 Message: 405

We have been accumulatin new mwmbers but we have not been having any activity.

Many of the other lists are having the same problem.

I have only had my radios on during contests. I usually see pretty good activity during contests. But I don't hear anything between contests.

I was looking at the solar cycle data last night and we falling bhind the predicted upturn. We have been os a very long bottom with no sign of an increase in sunspots.

This is the NOAA site I use to keep up to date on the solar cycle:

http://www.sec.noaa.gov/SolarCycle/

Bob Macklin
K5MYJ

406. Re: [heathkitnovicestations] New Members!

Yahoo group: heathkitnovicestations
Date: 2009-03-04 19:44:36 UTC
From: Garey Barrell
Topic: 405 Message: 406

Ummmm.. If you only have your "radios on during contests", perhaps
that's why you don't hear anything!!??

Just a suggestion..... :-)

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 4-B, C-Line & TR-4/C Service Supplement CDs
<www.k4oah.com>

Bob Macklin wrote:
> We have been accumulatin new mwmbers but we have not been having any activity.
>
> Many of the other lists are having the same problem.
>
> I have only had my radios on during contests. I usually see pretty good activity during contests. But I don't hear anything between contests.
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> This is the NOAA site I use to keep up to date on the solar cycle:
>
> http://www.sec.noaa.gov/SolarCycle/
>
> Bob Macklin
> K5MYJ
>
>
>

407. Re: [heathkitnovicestations] New Members!

Yahoo group: heathkitnovicestations
Date: 2009-03-04 19:54:31 UTC
From: Bob Macklin
Topic: 405 Message: 407

I stopped turning them on about a month ago because there was nothing there.

If you understand propagation you will know that high latitudes don't get much during the solar minimum.

I do periodically check 20M and 40M for activity.

Bob Macklin
K5MYJ
----- Original Message -----
From: Garey Barrell
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 04, 2009 11:44 AM
Subject: Re: [heathkitnovicestations] New Members!

Ummmm.. If you only have your "radios on during contests", perhaps
that's why you don't hear anything!!??

Just a suggestion..... :-)

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 4-B, C-Line & TR-4/C Service Supplement CDs
<www.k4oah.com>

Bob Macklin wrote:
> We have been accumulatin new mwmbers but we have not been having any activity.
>
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>
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>
> I was looking at the solar cycle data last night and we falling bhind the predicted upturn. We have been os a very long bottom with no sign of an increase in sunspots.
>
> This is the NOAA site I use to keep up to date on the solar cycle:
>
> http://www.sec.noaa.gov/SolarCycle/
>
> Bob Macklin
> K5MYJ
>
>
>

408. Re: [heathkitnovicestations] New Members!

Yahoo group: heathkitnovicestations
Date: 2009-03-04 20:02:32 UTC
From: JAMES HANLON
Topic: 405 Message: 408

Bob,

Maybe we should have a "Heathkit QSO Party" sometime?

Jim Hanlon, W8KGI

----- Original Message -----
From: Bob Macklin<mailto:macklinbob@...>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, March 04, 2009 12:14 PM
Subject: [heathkitnovicestations] New Members!

We have been accumulatin new mwmbers but we have not been having any activity.

Many of the other lists are having the same problem.

I have only had my radios on during contests. I usually see pretty good activity during contests. But I don't hear anything between contests.

I was looking at the solar cycle data last night and we falling bhind the predicted upturn. We have been os a very long bottom with no sign of an increase in sunspots.

This is the NOAA site I use to keep up to date on the solar cycle:

http://www.sec.noaa.gov/SolarCycle/<http://www.sec.noaa.gov/SolarCycle/>

Bob Macklin
K5MYJ

409. Re: [heathkitnovicestations] New Members!

Yahoo group: heathkitnovicestations
Date: 2009-03-04 20:20:02 UTC
From: Bob Macklin
Topic: 405 Message: 409

I'm in the process of modifying my DX-60 for the HV switching problem. I have most of the parts but I also want to add PPT at the same time. I need a few more parts for that.

I'm also retired and I have to decide what hobby I want to spend my money on each month. This weekend is the annual ham swap meet here. Right now I am saving my allowance to go to that.

I REALLY DON'T NEED MORE RADIO JUNK!

Some of my main radio interests are now mostly HISTORY!

Bob Macklin
K5MYJ
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 04, 2009 12:02 PM
Subject: Re: [heathkitnovicestations] New Members!

Bob,

Maybe we should have a "Heathkit QSO Party" sometime?

Jim Hanlon, W8KGI

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 04, 2009 12:14 PM
Subject: [heathkitnovicestations] New Members!

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This is the NOAA site I use to keep up to date on the solar cycle:

http://www.sec.noaa.gov/SolarCycle/

Bob Macklin
K5MYJ

410. Re: [heathkitnovicestations] New Members!

Yahoo group: heathkitnovicestations
Date: 2009-03-04 20:24:54 UTC
From: Paul Beckwith
Topic: 405 Message: 410

Great idea, Jim!! Count me in!! It'd have to be sometime when there
aren't any major contests on, and in a relatively unused area of the
bands, like around 3590kHz.

73's de Paul K2LMQ Kingman, AZ

At 01:02 PM 3/4/2009, you wrote:

>Bob,
>
>Maybe we should have a "Heathkit QSO Party" sometime?
>
>Jim Hanlon, W8KGI
>
>
>----- Original Message -----
>From: <mailto:macklinbob@...>Bob Macklin
>To:
><mailto:heathkitnovicestations@yahoogroups.com>heathkitnovicestations@yahoogroups.com
>
>Sent: Wednesday, March 04, 2009 12:14 PM
>Subject: [heathkitnovicestations] New Members!
>
>We have been accumulatin new mwmbers but we have not been having any activity.
>
>Many of the other lists are having the same problem.
>
>I have only had my radios on during contests. I usually see pretty
>good activity during contests. But I don't hear anything between contests.
>
>I was looking at the solar cycle data last night and we falling
>bhind the predicted upturn. We have been os a very long bottom with
>no sign of an increase in sunspots.
>
>This is the NOAA site I use to keep up to date on the solar cycle:
>
><http://www.sec.noaa.gov/SolarCycle/>http://www.sec.noaa.gov/SolarCycle/
>
>Bob Macklin
>K5MYJ
>
>

411. Re: [heathkitnovicestations] New Members!

Yahoo group: heathkitnovicestations
Date: 2009-03-04 21:02:59 UTC
From: mike l dol dormann
Topic: 405 Message: 411

i have tried for the past few years to make my new year's resolution to "turn the rig on and send CQ a couple of times every evening"

out here on the left coast there is such minimal activity, i can go a month without having a contact, even given that i have made it to "CQ on the air" maybe 1/2 the days of a particular month.

that is with an HRO 50 and a 6AG7/2x 807 and a 3560 rock

mike w7dra

_____
Digital Photography - Click Now.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmQSbbj7e4Ix6zP4Ut2tegskdzrz6qhEbrBlEne7YqrCknDTyKU/

412. Re: [heathkitnovicestations] New Members!

Yahoo group: heathkitnovicestations
Date: 2009-03-04 21:08:33 UTC
From: mike l dol dormann
Topic: 405 Message: 412

a heath QSO party! good going Jim

mike w7dra

maybe i could resurrect the HW16, i don't seem to be going to Fiji or
Hawaii much any more.....

_____
Find the perfect photo - click now.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTEuJEygGqHDqvmNNZK8jCB3DV7Po0je2mQFOeAAN
RLJr6Z0GRVTOo/

413. Hr-20 and comanche receivers

Yahoo group: heathkitnovicestations
Date: 2009-03-05 00:58:40 UTC
From: Jim
Topic: 413 Message: 413

Whats the difference between the heathkit HR-20 and Comanche MR-1 receiversÉ
Front panel layout appears to be the same.
Jim VE3DDY/W4

414. Re: [heathkitnovicestations] Hr-20 and comanche receivers

Yahoo group: heathkitnovicestations
Date: 2009-03-05 01:28:11 UTC
From: Bob Macklin
Topic: 413 Message: 414

The MR-20 is a SSB receiver and is the mate to the MT-20. The MR-1 is a CW/AM receiver and the mate to the MT-1.

I believe the MR-20 could receive AM but the MT-20 could not transmit AM.

I have owned all of these units in the past. The only use I see for them is for a portable station if you can get a HP-10 power supply that works. I had a complete MR-1/MT-1/HR-10 rig until about 2 years ago. I sold is because there was a lack of AM activity that I could use it for.

The HP-10 power supply is rare and if you find one with blown power transistors you will have a tack getting it to work.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Jim
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 04, 2009 4:58 PM
Subject: [heathkitnovicestations] Hr-20 and comanche receivers

Whats the difference between the heathkit HR-20 and Comanche MR-1 receiversÉ
Front panel layout appears to be the same.
Jim VE3DDY/W4

415. Re: [heathkitnovicestations] Hr-20 and comanche receivers

Yahoo group: heathkitnovicestations
Date: 2009-03-05 01:46:56 UTC
From: Ray
Topic: 413 Message: 415

Jim, it has been many years since I have used the HR20 which I originally got with the HX20 and HP20 power supply but I presently have the MR1 Commanche along with the MT1 transmitter. The power supply for those is the UT1 which is same as the HP20 but without the bias voltage. The MR1 has an additional tube in the lineup vs the HR20 and the sensitivity is about the same, and both have crystal filters in the IF. The MR1 has 9 tubes including a vr tube and the HR20 has 8 tubes including the vr tube. Both have an antenna trimmer, MR1 has a bfo while the HR20 has a switched SSB switch sb1-sb2 for upper/lower sideband. The HR20 I had had a black dial background.

Ray, W5XE

--- On Wed, 3/4/09, Jim <portdoverbells@hotmail.com> wrote:

From: Jim <portdoverbells@...>
Subject: [heathkitnovicestations] Hr-20 and comanche receivers
To: heathkitnovicestations@yahoogroups.com
Date: Wednesday, March 4, 2009, 4:58 PM

Whats the difference between the heathkit HR-20 and Comanche MR-1 receiversÉ
Front panel layout appears to be the same.
Jim VE3DDY/W4

416. Re: [heathkitnovicestations] Hr-20 and comanche receivers

Yahoo group: heathkitnovicestations
Date: 2009-03-05 01:48:10 UTC
From: Bob Macklin
Topic: 413 Message: 416

What I called the MR-20 is really the HR-20 receiver. What I called the MT-20 is really the HX-20 transmitter.
----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 04, 2009 5:28 PM
Subject: Re: [heathkitnovicestations] Hr-20 and comanche receivers

The MR-20 is a SSB receiver and is the mate to the MT-20. The MR-1 is a CW/AM receiver and the mate to the MT-1.

I believe the MR-20 could receive AM but the MT-20 could not transmit AM.

I have owned all of these units in the past. The only use I see for them is for a portable station if you can get a HP-10 power supply that works. I had a complete MR-1/MT-1/HR-10 rig until about 2 years ago. I sold is because there was a lack of AM activity that I could use it for.

The HP-10 power supply is rare and if you find one with blown power transistors you will have a tack getting it to work.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Jim
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 04, 2009 4:58 PM
Subject: [heathkitnovicestations] Hr-20 and comanche receivers

Whats the difference between the heathkit HR-20 and Comanche MR-1 receiversÉ
Front panel layout appears to be the same.
Jim VE3DDY/W4

417. DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-05 06:56:22 UTC
From: Barry
Topic: 417 Message: 417

Nice to find a group so specific to the era. I am refurbishing a DX-40 that was my novice station xmitter circa 1960 as WV2MPY. It is a labor of love and memories. Please let me know if anyone has a VF-1 that works on the block. Also, I later plate modulated the original with an Eico 730 which made it one heck of an AM rig. I have long since lost the info on that mod but would like to get there one day. Hope to have this up on the air after changing out the caps, and any other ideas you all may have on steps prior to applying power. Wish I had a variac.

Thanks, and best 73's

Barry
K6ZA

418. xtals

Yahoo group: heathkitnovicestations
Date: 2009-03-08 01:31:05 UTC
From: Barry
Topic: 418 Message: 418

Hi,

Anyone know a source for xtals for DX-40 ??
Seems Texas , PR etc. are gone.

Thanks,

Barry
K6ZA

419. Re: [heathkitnovicestations] xtals

Yahoo group: heathkitnovicestations
Date: 2009-03-08 01:40:44 UTC
From: Bob Macklin
Topic: 418 Message: 419

If you want FT-243 go here:

http://www.af4k.com/crystals.htm

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Barry
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, March 07, 2009 5:31 PM
Subject: [heathkitnovicestations] xtals

Hi,

Anyone know a source for xtals for DX-40 ??
Seems Texas , PR etc. are gone.

Thanks,

Barry
K6ZA

420. Re: [heathkitnovicestations] xtals

Yahoo group: heathkitnovicestations
Date: 2009-03-08 04:17:41 UTC
From: n2lxm@juno.com
Topic: 418 Message: 420

Try " bomarcrystal.com " I have used them in the past

Jeff N2LXM
AMATEUR RADIO OPERATOR
AMERICAN
PATRIOT
Proud Father of two US MARINES

_____
Upgrade the look of your cabinets with brand new hardware! Click now!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTMqm180WkWMIs09tDBZk3nM4aFQ2pD74bRuuIrLHtqpmPMalvmusA/

421. RE: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-08 15:26:24 UTC
From: JAMES HANLON
Topic: 417 Message: 421

Barry,

Good luck with your DX-40, and let us know how it works for you. I have one in my attic that works but the 6146 final tends to oscillate. I tried neutralizing it with mixed success. Please let me know if your rig has any problems in that regard. Perhaps what I need to do is go in and "improve" some grounds in mine.

Putting a plate modulator on the DX-40 should just be a matter of breaking the B+ leed to the 6146 plate, and perhaps also to the screen, and inserting the modulation transformer secondary there. I don't have the schematic to look at right now as I'm away from home, but it should be a pretty easy change.

Try putting a light bulb in series with one side of your ac power lead when you first bring up the rig. Start with a low wattage bulb, maybe 15 watts or so, then change it to progressively higher power bulbs like 40 watts, 60 watts, 100 watts, etc. That will at least allow you to bring the B+ up in several steps and help to reform the electrolytics along the way. It will also protect the power transformer in case a short occurs.

73,

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: bisseks@...
Date: Thu, 5 Mar 2009 06:56:22 +0000
Subject: [heathkitnovicestations] DX-40 refurbishing

Nice to find a group so specific to the era. I am refurbishing a DX-40 that was my novice station xmitter circa 1960 as WV2MPY. It is a labor of love and memories. Please let me know if anyone has a VF-1 that works on the block. Also, I later plate modulated the original with an Eico 730 which made it one heck of an AM rig. I have long since lost the info on that mod but would like to get there one day. Hope to have this up on the air after changing out the caps, and any other ideas you all may have on steps prior to applying power. Wish I had a variac.

Thanks, and best 73's

Barry

K6ZA

422. Re: [heathkitnovicestations] xtals

Yahoo group: heathkitnovicestations
Date: 2009-03-08 15:43:03 UTC
From: Bry Carling
Topic: 418 Message: 422

Bomar no longer offer FT243 crystals.

From: n2lxm@...

> Try " bomarcrystal.com " I have used them in the past
>
>
> Jeff N2LXM

423. Re: [heathkitnovicestations] xtals

Yahoo group: heathkitnovicestations
Date: 2009-03-08 17:09:38 UTC
From: Carl
Topic: 418 Message: 423

Id suggest checking with West Crystals. Their product and support is
excellent and shipping from Canada to the US is no problem.

Carl
KM1H

----- Original Message -----
From: "Bry Carling" <bcarling@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Sunday, March 08, 2009 11:43 AM
Subject: Re: [heathkitnovicestations] xtals

> Bomar no longer offer FT243 crystals.
>
> From: n2lxm@...
>
>> Try " bomarcrystal.com " I have used them in the past
>>
>>
>> Jeff N2LXM
>
>

424. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-08 20:18:58 UTC
From: Barry Isseks
Topic: 417 Message: 424

Thanks for your support on this DX-40 project Jim. I did not think of using a series of light bulbs as a variac, so I took the "cross-your-fingers" approach and plugged it in. (If you have followed my thread on this, I got the radio with the two original 450mf caps hanging loose !?? Very odd. I tacked them back since they looked fine and were not shorted or open)
Prior to that leap, I first did all the resistance tests I could to find any obvious shorts to ground or shorted or open components. The tubes all lit and everything was stable in standby mode. In tune there was plenty of grid drive, in fact, peaking grid drive pinned the needle, so backing down was needed (normal??). Using a 60W bulb as a dummy load, I could not follow the normal loading and dipping procedure. At 0, 0 setting on the load and tuning, the needle pins in CW. Key down I can get about 30W out if I tune both controls for maximum "smoke", at that point dipping works to maximize output, and the meter can be kept in range. On the receiver, final dipped perfectly, key down is clean on first dot length burst, but needs a few seconds to recover or final detuning is needed to keep the signal being heard; caps issue?, or this may be the same problem you have with final oscillation. Also, I realize there is no 3rd wire ground on the power cord, so I should probably find a good ground to the case somewhere.

Before I power up again, I will recap the radio, and substitute the 6146 and 2 6CL6's. I have 2 xtals, one appears bad, so have only one I must depend on at the moment.

Comments and suggestions are appreciated.

Best 73,

Barry
K6ZA

On Mar 8, 2009, at 8:26 AM, JAMES HANLON wrote:

> Barry,
>
> Good luck with your DX-40, and let us know how it works for you. I
> have one in my attic that works but the 6146 final tends to
> oscillate. I tried neutralizing it with mixed success. Please let
> me know if your rig has any problems in that regard. Perhaps what I
> need to do is go in and "improve" some grounds in mine.
>
> Putting a plate modulator on the DX-40 should just be a matter of
> breaking the B+ leed to the 6146 plate, and perhaps also to the

> screen, and inserting the modulation transformer secondary there. I
> don't have the schematic to look at right now as I'm away from home,
> but it should be a pretty easy change.
>
> Try putting a light bulb in series with one side of your ac power
> lead when you first bring up the rig. Start with a low wattage
> bulb, maybe 15 watts or so, then change it to progressively higher
> power bulbs like 40 watts, 60 watts, 100 watts, etc. That will at
> least allow you to b! ring the B+ up in several steps and help to
> reform the electrolytics along the way. It will also protect the
> power transformer in case a short occurs.
>
> 73,
>
> Jim, W8KGI
>
>
> To: heathkitnovicestations@yahoogroups.com
> From: bisseks@...
> Date: Thu, 5 Mar 2009 06:56:22 +0000
> Subject: [heathkitnovicestations] DX-40 refurbishing
>
> Nice to find a group so specific to the era. I am refurbishing a
> DX-40 that was my novice station xmitter circa 1960 as WV2MPY. It is
> a labor of love and memories. Please let me know if anyone has a
> VF-1 that works on the block. Also, I later plate modulated the
> original with an Eico 730 which made it one heck of an AM rig. I
> have long since lost the info on that mod but would like to get
> there one day. Hope to have this up on the air after changing out
> the caps, and any other ideas you all may have on steps prior to
> applying power. Wish I had a variac.
>
> Thanks, and best 73's
>
> Barry
> K6ZA
>
>
>
>

425. RE: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-09 13:54:36 UTC
From: JAMES HANLON
Topic: 417 Message: 425

Barry,

If things are working as well as you describe, I would not recap or retube the transmitter. That would seem to be a needless exercise that could possibly make things worse.

As far as listening to the transmitter in your receiver, try shorting the antenna terminal to ground if the signal is too loud and is "blocking" the receiver. I use a single-pole, double-throw relay that shorts my receiver antenna to ground and that also inserts another potentiometer in series with the RF Gain control in my receiver so that I can comfortably monitor myself while I am transmitting. My RF gain pot had one side connected to ground, so I just lifted that side and put another pot in series to ground at that point. I attached the swinger of my relay to ground and the normally closed (with no power applied) contact of the relay to the junction between the new pot and the RF Gain control, so that with the relay unpowered the original ground point on the RF gain control would be restored and the receiver would operate normally. I attached the normally open contact of the relay to the antenna terminal of the receiver. I power the relay when I switch to Transmit, and it throws, grounding the receiver antenna and putting the extra pot in series with the regular RF gain control to become a "monitor gain control."

You can even get fancy, use another set of relay contacts to key your transmitter at the same time, and have a "break-in" system this way.

Jim, W8KGI

CC: bisseks@...
To: heathkitnovicestations@yahoogroups.com
From: bisseks@...
Date: Sun, 8 Mar 2009 13:18:58 -0700
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

Thanks for your support on this DX-40 project Jim. I did not think of using a series of light bulbs as a variac, so I took the "cross-your-fingers" approach and plugged it in. (If you have followed my thread on this, I got the radio with the two original 450mf caps hanging loose !?? Very odd. I tacked them back since they looked fine and were not shorted or open) Prior to that leap, I first did all the resistance tests I could to find any obvious shorts to ground or shorted or open components. The tubes all lit and everything was stable in standby mode. In tune there was plenty of grid drive, in fact, peaking grid drive pinned the needle, so backing down was needed (normal??). Using a 60W bulb as a dummy load, I could not follow the normal loading and dipping procedure. At 0, 0 setting on the load and tuning, the needle pins in CW. Key down I can get about 30W out if I tune both controls for maximum "smoke", at that point dipping works to maximize output, and the meter can be kept in range. On the receiver, final dipped perfectly, key down is clean on first dot length burst, but needs a few seconds to recover or final detuning is needed to keep the signal being heard; caps issue?, or this may be the same problem you have with final oscillation. Also, I realize there is no 3rd wire ground on the power cord, so I should probably find a good ground to the case somewhere.

Before I power up again, I will recap the radio, and substitute the 6146 and 2 6CL6's. I have 2 xtals, one appears bad, so have only one I must depend on at the moment.
Comments and suggestions are appreciated.
Best 73,
BarryK6ZA

On Mar 8, 2009, at 8:26 AM, JAMES HANLON wrote:Barry,

Good luck with your DX-40, and let us know how it works for you. I have one in my attic that works but the 6146 final tends to oscillate. I tried neutralizing it with mixed success. Please let me know if your rig has any problems in that regard. Perhaps what I need to do is go in and "improve" some grounds in mine.

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73,

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: bisseks@...
Date: Thu, 5 Mar 2009 06:56:22 +0000
Subject: [heathkitnovicestations] DX-40 refurbishing

Nice to find a group so specific to the era. I am refurbishing a DX-40 that was my novice station xmitter circa 1960 as WV2MPY. It is a labor of love and memories. Please let me know if anyone has a VF-1 that works on the block. Also, I later plate modulated the original with an Eico 730 which made it one heck of an AM rig. I have long since lost the info on that mod but would like to get there one day. Hope to have this up on the air after changing out the caps, and any other ideas you all may have on steps prior to applying power. Wish I had a variac.

Thanks, and best 73's

Barry
K6ZA

426. RE: [heathkitnovicestations] xtals

Yahoo group: heathkitnovicestations
Date: 2009-03-09 14:03:05 UTC
From: JAMES HANLON
Topic: 418 Message: 426

A good, current supplier of crystals in FT-243 holders is AF4K. He advertises regularly in Electric Radio magazine. Visit his web page at http://www.af4k.com/crystals.htm

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: km1h@...
Date: Sun, 8 Mar 2009 13:09:38 -0400
Subject: Re: [heathkitnovicestations] xtals

Id suggest checking with West Crystals. Their product and support is

excellent and shipping from Canada to the US is no problem.

Carl

KM1H

----- Original Message -----

From: "Bry Carling" <bcarling@...>

To: <heathkitnovicestations@yahoogroups.com>

Sent: Sunday, March 08, 2009 11:43 AM

Subject: Re: [heathkitnovicestations] xtals

> Bomar no longer offer FT243 crystals.

>

> From: n2lxm@...

>

>> Try " bomarcrystal.com " I have used them in the past

>>

>>

>> Jeff N2LXM

>

>

427. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-09 17:29:31 UTC
From: Isseks, Barry [CC]
Topic: 417 Message: 427

Good feedback Jim. I like your monitor gain control method. Just bought a Drake 2B to complete the novice station. Can't remember how I managed sidetone in that station setup. I know I muted the 2B with the mute points on the back of the receiver in conjunction with a dow key antenna relay. I will come back to me as I set it up all over again. Meanwhile, Plate current still drops as I key down, so there is some bleeding going on it appears. Maybe I just need to allow the existing caps to reform, which should take several days due to the length of time this radio has sat. And, It is always nice to have a perfectly untouched original "stock" radio. I'll try the shorted receive antenna to monitor for now, but it doesn't seem like front end overload or "blocking", but rather some oscillation. Maybe a gassy 6146.

Thanks again Jim,

Barry
K6ZA

On 3/9/09 6:54 AM, "JAMES HANLON" <knjhanlon@...> wrote:

>
>
>
> Barry,
>
> If things are working as well as you describe, I would not recap or retube the
> transmitter. That would seem to be a needless exercise that could possibly
> make things worse.
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> As far as listening to the transmitter in your receiver, try shorting the
> antenna terminal to ground if the signal is too loud and is "blocking" the
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> control."
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> You can even get fancy, use another set of relay contacts to key your
> transmitter at the same time, and have a "break-in" system this way.
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> Jim, W8KGI
>
>
> CC: bisseks@...
> To: heathkitnovicestations@yahoogroups.com
> From: bisseks@...
> Date: Sun, 8 Mar 2009 13:18:58 -0700
> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>
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> everything was stable in standby mode. In tune there was plenty of grid drive,
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> (normal??). Using a 60W bulb as a dummy load, I could not follow the normal
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> Before I power up again, I will recap the radio, and substitute the 6146 and 2
> 6CL6's. I have 2 xtals, one appears bad, so have only one I must depend on at
> the moment.
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> Comments and suggestions are appreciated.
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> Best 73,
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> K6ZA
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> On Mar 8, 2009, at 8:26 AM, JAMES HANLON wrote:
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>> Barry,
>>

>> Good luck with your DX-40, and let us know how it works for you. I have one
>> in my attic that works but the 6146 final tends to oscillate. I tried
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>> problems in that regard. Perhaps what I need to do is go in and "improve"
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>> the B+ leed to the 6146 plate, and perhaps also to the screen, and inserting
>> t! he modulation transformer secondary there. I don't have the schematic to
>> look at right now as I'm away from home, but it should be a pretty easy
>> change.
>>
>> Try putting a light bulb in series with one side of your ac power lead when
>> you first bring up the rig. Start with a low wattage bulb, maybe 15 watts or
>> so, then change it to progressively higher power bulbs like 40 watts, 60
>> watts, 100 watts, etc. That will at least allow you to b! ring the B+ up in
>> several steps and help to reform the electrolytics along the way. It will
>> also protect the power transformer in case a short occurs.
>>
>> 73,
>>
>> Jim, W8KGI
>>
>>
>>
>> To: heathkitnovicestations@yahoogroups.com
>> From: bisseks@...
>> Date: Thu, 5 Mar 2009 06:56:22 +0000
>> Subject: [heathkitnovicestations] DX-40 refurbishing
>> !
>> Nice to find a group so specific to the era. I am refurbishing a DX-40 that
>> was my novice station xmitter circa 1960 as WV2MPY. It is a labor of love and
>> memories. Please let me know if anyone has a VF-1 that works on the block.
>> Also, I later plate modulated the original with an Eico 730 which made it one
>> heck of an AM rig. I have long since lost the info on that mod but would like
>> to get there one day. Hope to have this up on the air after changing out the
>> caps, and any other ideas you all may have on steps prior to applying power.
>> Wish I had a variac.
>>
>> Thanks, and best 73's
>>
>> Barry
>> K6ZA
>>
>>
>>
>
>
>
>

>
>
>
>>

428. DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 02:06:05 UTC
From: Barry
Topic: 417 Message: 428

DX-40 fans.. when the peak power out seen on the watt meter happens (20-30 mils) above the point of the dipped final on the dx-40 meter this could mean_____

fill in the blank.

Also, key down, meter needle bleeds off before becoming stable.

Thanks as always

Barry
K6ZA

429. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 03:08:41 UTC
From: Bob Macklin
Topic: 417 Message: 429

Have you checked the neutralization?

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Barry
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 10, 2009 6:06 PM
Subject: [heathkitnovicestations] DX-40 refurbishing

DX-40 fans.. when the peak power out seen on the watt meter happens (20-30 mils) above the point of the dipped final on the dx-40 meter this could mean_____

fill in the blank.

Also, key down, meter needle bleeds off before becoming stable.

Thanks as always

Barry
K6ZA

430. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 02:46:02 UTC
From: Barry Isseks
Topic: 417 Message: 430

Hi Bob,

I am not sure how to adjust the feedthrough capacitance in this circuit to neutralize the 6146, however, I never much worried about that in a single tube final or at these frequencies.
If you have a clue on procedures please let me know. Most of the time the finals' internal capacitance is considered in the circuit design and I have not seen this as an issue in the DX-40 as I remember.

Barry
K6ZA

On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:

>
> Have you checked the neutralization?
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
> ----- Original Message -----
> From: Barry
> To: heathkitnovicestations@yahoogroups.com
> Sent: Tuesday, March 10, 2009 6:06 PM
> Subject: [heathkitnovicestations] DX-40 refurbishing
>
> DX-40 fans.. when the peak power out seen on the watt meter happens
> (20-30 mils) above the point of the dipped final on the dx-40 meter
> this could mean_____
>
> fill in the blank.
>
> Also, key down, meter needle bleeds off before becoming stable.
>
> Thanks as always
>
> Barry
> K6ZA
>
>
>
>

431. Re: [Heathkit:Yahoo] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 02:56:10 UTC
From: Barry Isseks
Topic: 431 Message: 431

On Mar 10, 2009, at 7:53 PM, Barry Isseks wrote:

> Thanks Ken,
>
> ok, hooked up a 60W bulb dummy load, just to control for antenna
> mismatch. Still come up with a brighter bulb above the dip point.
> Could be normal if I think back hard. You are right, just go with
> the final dipped at 125 mils and that should be fine. I am being too
> critical I think.
>
> Barry
>
>
> On Mar 10, 2009, at 7:43 PM, Kenneth G. Gordon wrote:
>
>> On 11 Mar 2009 at 2:08, Barry wrote:
>>
>> >
>> > DX-40 fans.. when the peak power out seen on the watt meter happens
>> > (20-30 mils) above the point of the dipped final on the dx-40 meter
>> > this could mean_that the final amp needs neutralizing__
>>
>> Except that in the DX-40 neutralization isn't necessary.
>>
>> Another possible cause is that the load to the amp is not
>> the "correct" impedance.
>>
>> And a third possible cause is that your watt meter is
>> reading power plus SWR.
>>
>> For a DX-40, dip-and-load to the correct current and forget
>> the wattmeter reading.
>>
>> Ken W7EKB
>>
>>
>>
>

432. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 11:34:29 UTC
From: Carl
Topic: 417 Message: 432

Try a different 6146 as not all brands have the same internal C. Since that rig was designed before the 6146B it may also not be completely compatible.

Carl
KM1H

----- Original Message -----
From: "Barry Isseks" <bisseks@...>
To: <heathkitnovicestations@yahoogroups.com>
Cc: "Barry Isseks" <bisseks@...>
Sent: Tuesday, March 10, 2009 10:46 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

> Hi Bob,
>
> I am not sure how to adjust the feedthrough capacitance in this
> circuit to neutralize the 6146, however, I never much worried about
> that in a single tube final or at these frequencies.
> If you have a clue on procedures please let me know. Most of the time
> the finals' internal capacitance is considered in the circuit design
> and I have not seen this as an issue in the DX-40 as I remember.
>
> Barry
> K6ZA
>
>
>
> On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
>
>>
>> Have you checked the neutralization?
>>
>> Bob Macklin
>> K5MYJ
>> Kent (Seattle), Wa,
>> "Real Radios Glow in the Dark"
>> ----- Original Message -----
>> From: Barry
>> To: heathkitnovicestations@yahoogroups.com
>> Sent: Tuesday, March 10, 2009 6:06 PM
>> Subject: [heathkitnovicestations] DX-40 refurbishing
>>
>> DX-40 fans.. when the peak power out seen on the watt meter happens
>> (20-30 mils) above the point of the dipped final on the dx-40 meter
>> this could mean_____

>>
>> fill in the blank.
>>
>> Also, key down, meter needle bleeds off before becoming stable.
>>
>> Thanks as always
>>
>> Barry
>> K6ZA
>>
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>

433. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 13:37:09 UTC
From: Jim RabidWolf
Topic: 417 Message: 433

I've found that using a 6146B often requires modification - it nutralizes differently - supposedly, when it came out, it was a "drop in replacement" - but in many circuits it wasn't.

----- Original Message -----
From: "Carl" <km1h@...>
To: <heathkitnovicestations@yahoogroups.com>
Cc: "Barry Isseks" <bisseks@...>
Sent: Wednesday, March 11, 2009 5:34 AM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

> Try a different 6146 as not all brands have the same internal C. Since
> that rig was designed before the 6146B it may also not be completely
> compatible.
>
> Carl
> KM1H
>

434. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 15:05:58 UTC
From: Barry Isseks
Topic: 417 Message: 434

Thanks Carl,

I have a couple of 6146's on the way to do that.

Barry

On Mar 11, 2009, at 4:34 AM, Carl wrote:

> Try a different 6146 as not all brands have the same internal C. Since
> that rig was designed before the 6146B it may also not be completely
> compatible.
>
> Carl
> KM1H
>
> ----- Original Message -----
> From: "Barry Isseks" <bisseks@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Cc: "Barry Isseks" <bisseks@...>
> Sent: Tuesday, March 10, 2009 10:46 PM
> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>
> > Hi Bob,
> >
> > I am not sure how to adjust the feedthrough capacitance in this
> > circuit to neutralize the 6146, however, I never much worried about
> > that in a single tube final or at these frequencies.
> > If you have a clue on procedures please let me know. Most of the
> time
> > the finals' internal capacitance is considered in the circuit design
> > and I have not seen this as an issue in the DX-40 as I remember.
> >
> > Barry
> > K6ZA
> >
> >
> >
> > On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
> >
> >>
> >> Have you checked the neutralization?
> >>
> >> Bob Macklin
> >> K5MYJ
> >> Kent (Seattle), Wa,
> >> "Real Radios Glow in the Dark"

> >> ----- Original Message -----
> >> From: Barry
> >> To: heathkitnovicestations@yahoogroups.com
> >> Sent: Tuesday, March 10, 2009 6:06 PM
> >> Subject: [heathkitnovicestations] DX-40 refurbishing
> >>
> >> DX-40 fans.. when the peak power out seen on the watt meter happens
> >> (20-30 mils) above the point of the dipped final on the dx-40 meter
> >> this could mean_____
> >>
> >> fill in the blank.
> >>
> >> Also, key down, meter needle bleeds off before becoming stable.
> >>
> >> Thanks as always
> >>
> >> Barry
> >> K6ZA
> >>
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435. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 16:24:42 UTC
From: Bob Macklin
Topic: 417 Message: 435

For a test you can tune the Tx to the point of max RF on the power meter then remove the crystal. If you still get grid current with the crystal removed the tx needs neutralizing.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Barry Isseks
To: heathkitnovicestations@yahoogroups.com
Cc: Barry Isseks
Sent: Wednesday, March 11, 2009 7:05 AM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

Thanks Carl,

I have a couple of 6146's on the way to do that.

Barry

On Mar 11, 2009, at 4:34 AM, Carl wrote:

Try a different 6146 as not all brands have the same internal C. Since
that rig was designed before the 6146B it may also not be completely
compatible.

Carl
KM1H

----- Original Message -----
From: "Barry Isseks" <bisseks@...>
To: <heathkitnovicestations@yahoogroups.com>
Cc: "Barry Isseks" <bisseks@...>
Sent: Tuesday, March 10, 2009 10:46 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

> Hi Bob,
>
> I am not sure how to adjust the feedthrough capacitance in this
> circuit to neutralize the 6146, however, I never much worried about
> that in a single tube final or at these frequencies.
> If you have a clue on procedures please let me know. Most of the time
> the finals' internal capacitance is considered in the circuit design
> and I have not seen this as an issue in the DX-40 as I remember.
>
> Barry

> K6ZA
>
>
>
> On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
>
>>
>> Have you checked the neutralization?
>>
>> Bob Macklin
>> K5MYJ
>> Kent (Seattle), Wa,
>> "Real Radios Glow in the Dark"
>> ----- Original Message -----
>> From: Barry
>> To: heathkitnovicestations@yahoogroups.com
>> Sent: Tuesday, March 10, 2009 6:06 PM
>> Subject: [heathkitnovicestations] DX-40 refurbishing
>>
>> DX-40 fans.. when the peak power out seen on the watt meter happens
>> (20-30 mils) above the point of the dipped final on the dx-40 meter
>> this could mean_____
>>
>> fill in the blank.
>>
>> Also, key down, meter needle bleeds off before becoming stable.
>>
>> Thanks as always
>>
>> Barry
>> K6ZA
>>
>>
>>
>>
>
>

436. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 15:59:48 UTC
From: Carl
Topic: 417 Message: 436

Good point. Also a parasitic suppressor with an out of tolerance
resistor can cause a problem.

With drive to burn a low value (10-100 Ohms) carbon resistor can be
installed right at the socket grid terminal to sort of force
neutralization stability. I do this with grid driven 813's.

Carl
KM1H

----- Original Message -----
From: "Bob Macklin" <macklinbob@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, March 11, 2009 12:24 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

For a test you can tune the Tx to the point of max RF on the power meter
then remove the crystal. If you still get grid current with the crystal
removed the tx needs neutralizing.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Barry Isseks
To: heathkitnovicestations@yahoogroups.com
Cc: Barry Isseks
Sent: Wednesday, March 11, 2009 7:05 AM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

Thanks Carl,

I have a couple of 6146's on the way to do that.

Barry

On Mar 11, 2009, at 4:34 AM, Carl wrote:

Try a different 6146 as not all brands have the same internal C.
Since
that rig was designed before the 6146B it may also not be completely
compatible.

Carl
KM1H

----- Original Message -----
From: "Barry Isseks" <bisseks@...>
To: <heathkitnovicestations@yahoogroups.com>
Cc: "Barry Isseks" <bisseks@...>
Sent: Tuesday, March 10, 2009 10:46 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

> Hi Bob,
>
> I am not sure how to adjust the feedthrough capacitance in this
> circuit to neutralize the 6146, however, I never much worried
about
> that in a single tube final or at these frequencies.
> If you have a clue on procedures please let me know. Most of the
time
> the finals' internal capacitance is considered in the circuit
design
> and I have not seen this as an issue in the DX-40 as I remember.
>
> Barry
> K6ZA
>
>
>
> On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
>
>>
>> Have you checked the neutralization?
>>
>> Bob Macklin
>> K5MYJ
>> Kent (Seattle), Wa,
>> "Real Radios Glow in the Dark"
>> ----- Original Message -----
>> From: Barry
>> To: heathkitnovicestations@yahoogroups.com
>> Sent: Tuesday, March 10, 2009 6:06 PM
>> Subject: [heathkitnovicestations] DX-40 refurbishing
>>
>> DX-40 fans.. when the peak power out seen on the watt meter
happens
>> (20-30 mils) above the point of the dipped final on the dx-40
meter
>> this could mean_____
>>
>> fill in the blank.
>>
>> Also, key down, meter needle bleeds off before becoming stable.
>>
>> Thanks as always
>>

>> Barry
>> K6ZA
>>
>>
>>
>>
>
>

437. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 17:08:45 UTC
From: N2EY@aol.com
Topic: 417 Message: 437

The DX-40 isn't neutralized.

The way it achieves stability is by the use of pi-network on the grid circuit of the final. The output impedance of the network is so low that (in theory) the 6146 can't oscillate.
?
(Look at the schematic - there's no neutralizing capacitor. DX-35 is the same way).

In rigs with 6146s running Class C, it's important to not exceed the recommended grid current. "Tune for max" is definitely NOT the way to go! Excessive grid current ruins a 6146 in short order.

73 de Jim, N2EY

-----Original Message-----
From: Bob Macklin <macklinbob@...>
To: heathkitnovicestations@yahoogroups.com
Sent: Wed, 11 Mar 2009 12:24 pm
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

For a test you can tune the Tx to the point of max RF on the power meter then remove the crystal. If you still get grid current with the crystal removed the tx needs neutralizing.

?

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----

From: Barry Isseks

To: heathkitnovicestations@yahoogroups.com

Cc: Barry Isseks

Sent: Wednesday, March 11, 2009 7:05 AM

Subject: Re: [heathkitnovicestations] DX-40 refurbishing

Thanks Carl,

I have a couple of 6146's on the way to do that.?

Barry

On Mar 11, 2009, at 4:34 AM, Carl wrote:

Try a different 6146 as not all brands have the same internal C. Since?
that rig was designed before the 6146B it may also not be completely?
compatible.

Carl
KM1H

----- Original Message -----?
From: "Barry Isseks" <bisseks@...>
To: <heathkitnovicestations@yahoogroups.com>
Cc: "Barry Isseks" <bisseks@...>
Sent: Tuesday, March 10, 2009 10:46 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

> Hi Bob,
>
> I am not sure how to adjust the feedthrough capacitance in this
> circuit to neutralize the 6146, however, I never much worried about
> that in a single tube final or at these frequencies.
> If you have a clue on procedures please let me know. Most of the time
> the finals' internal capacitance is considered in the circuit design
> and I have not seen this as an issue in the DX-40 as I remember.
>
> Barry
> K6ZA
>
>
>
> On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
>
>>
>> Have you checked the neutralization?
>>
>> Bob Macklin
>> K5MYJ
>> Kent (Seattle), Wa,
>> "Real Radios Glow in the Dark"
>> ----- Original Message -----
>> From: Barry
>> To:?heathkitnovicestations@yahoogroups.com
>> Sent: Tuesday, March 10, 2009 6:06 PM
>> Subject: [heathkitnovicestations] DX-40 refurbishing
>>
>> DX-40 fans.. when the peak power out seen on the watt meter happens
>> (20-30 mils) above the point of the dipped final on the dx-40 meter
>> this could mean_____
>>
>> fill in the blank.
>>
>> Also, key down, meter needle bleeds off before becoming stable.
>>
>> Thanks as always

```
>>
>> Barry
>> K6ZA
>>
>>
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>>
>
>?
```

438. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 17:29:15 UTC
From: Isseks, Barry [CC]
Topic: 417 Message: 438

I get no grid current w/o the xtal.

On 3/11/09 9:24 AM, "Bob Macklin" <macklinbob@...> wrote:

>
>
>
> For a test you can tune the Tx to the point of max RF on the power meter then
> remove the crystal. If you still get grid current with the crystal removed the
> tx needs neutralizing.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>>
>> ----- Original Message -----
>>
>> From: Barry Isseks <mailto:bisseks@...>
>>
>> To: heathkitnovicestations@yahoogroups.com
>>
>> Cc: Barry Isseks <mailto:bisseks@...>
>>
>> Sent: Wednesday, March 11, 2009 7:05 AM
>>
>> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>>
>>
>>
>>
>>
>>
>> Thanks Carl,
>>
>>
>>
>> I have a couple of 6146's on the way to do that.
>>
>>
>>
>> Barry
>>
>>
>>

>>
>>
>> On Mar 11, 2009, at 4:34 AM, Carl wrote:
>>
>>
>>>
>>>
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>>>
>>>
>>> Try a different 6146 as not all brands have the same internal C. Since
>>> that rig was designed before the 6146B it may also not be completely
>>> compatible.
>>>
>>> Carl
>>> KM1H
>>>
>>> ----- Original Message -----
>>> From: "Barry Isseks" <bisseks@...>
>>> To: <heathkitnovicestations@yahoogroups.com>
>>> Cc: "Barry Isseks" <bisseks@...>
>>> Sent: Tuesday, March 10, 2009 10:46 PM
>>> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>>>
>>>> > Hi Bob,
>>>> >
>>>> > I am not sure how to adjust the feedthrough capacitance in this
>>>> > circuit to neutralize the 6146, however, I never much worried about
>>>> > that in a single tube final or at these frequencies.
>>>> > If you have a clue on procedures please let me know. Most of the time
>>>> > the finals' internal capacitance is considered in the circuit design
>>>> > and I have not seen this as an issue in the DX-40 as I remember.
>>>> >
>>>> > Barry
>>>> > K6ZA
>>>> >
>>>> >
>>>> >
>>>> > On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
>>>> >
>>>>> >>
>>>>> >> Have you checked the neutralization?
>>>>> >>
>>>>> >> Bob Macklin
>>>>> >> K5MYJ
>>>>> >> Kent (Seattle), Wa,
>>>>> >> "Real Radios Glow in the Dark"
>>>>> >> ----- Original Message -----
>>>>> >> From: Barry

```
>>>>> >> To: heathkitnovicestations@yahoogroups.com
>>>>> <mailto:heathkitnovicestations%40yahoogroups.com>
>>>>> >> Sent: Tuesday, March 10, 2009 6:06 PM
>>>>> >> Subject: [heathkitnovicestations] DX-40 refurbishing
>>>>> >>
>>>>> >> DX-40 fans.. when the peak power out seen on the watt meter happens
>>>>> >> (20-30 mils) above the point of the dipped final on the dx-40 meter
>>>>> >> this could mean__________________
>>>>> >>
>>>>> >> fill in the blank.
>>>>> >>
>>>>> >> Also, key down, meter needle bleeds off before becoming stable.
>>>>> >>
>>>>> >> Thanks as always
>>>>> >>
>>>>> >> Barry
>>>>> >> K6ZA
>>>>> >>
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439. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 18:41:53 UTC
From: Bob Macklin
Topic: 417 Message: 439

That's the way it should be. Just tune the final to the bottom of the dip.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Isseks, Barry [CC]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 11, 2009 9:29 AM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

I get no grid current w/o the xtal.

On 3/11/09 9:24 AM, "Bob Macklin" <macklinbob@...m> wrote:

For a test you can tune the Tx to the point of max RF on the power meter then remove the crystal. If you still get grid current with the crystal removed the tx needs neutralizing.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----

From: Barry Isseks <mailto:bisseks@...>

To: heathkitnovicestations@yahoogroups.com

Cc: Barry Isseks <mailto:bisseks@...>

Sent: Wednesday, March 11, 2009 7:05 AM

Subject: Re: [heathkitnovicestations] DX-40 refurbishing

Thanks Carl,

I have a couple of 6146's on the way to do that.

Barry

On Mar 11, 2009, at 4:34 AM, Carl wrote:

Try a different 6146 as not all brands have the same internal C. Since
that rig was designed before the 6146B it may also not be completely
compatible.

Carl
KM1H

----- Original Message -----
From: "Barry Isseks" <bisseks@srvusd.k12.ca.us>
To: <heathkitnovicestations@yahoogroups.com>
Cc: "Barry Isseks" <bisseks@...>
Sent: Tuesday, March 10, 2009 10:46 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

> Hi Bob,
>
> I am not sure how to adjust the feedthrough capacitance in this
> circuit to neutralize the 6146, however, I never much worried about
> that in a single tube final or at these frequencies.
> If you have a clue on procedures please let me know. Most of the time
> the finals' internal capacitance is considered in the circuit design
> and I have not seen this as an issue in the DX-40 as I remember.
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> Barry
> K6ZA
>
>
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> On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
>
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>> Have you checked the neutralization?
>>
>> Bob Macklin
>> K5MYJ
>> Kent (Seattle), Wa,
>> "Real Radios Glow in the Dark"
>> ----- Original Message -----
>> From: Barry
>> To: heathkitnovicestations@yahoogroups.com
<mailto:heathkitnovicestations%40yahoogroups.com>
>> Sent: Tuesday, March 10, 2009 6:06 PM
>> Subject: [heathkitnovicestations] DX-40 refurbishing
>>
>> DX-40 fans.. when the peak power out seen on the watt meter happens
>> (20-30 mils) above the point of the dipped final on the dx-40 meter
>> this could mean_____
>>
>> fill in the blank.
>>
>> Also, key down, meter needle bleeds off before becoming stable.
>>
>> Thanks as always
>>
>> Barry
>> K6ZA

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440. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 18:00:10 UTC
From: Isseks, Barry [CC]
Topic: 417 Message: 440

Thanks for all the good feedback. No neutralization cap should have been a clue that no neutralization is needed on the 6146 in the DX-40. That said, swapping will show if there are apparent weakness in the existing final.

Barry
K6ZA

On 3/11/09 11:41 AM, "Bob Macklin" <macklinbob@...> wrote:

>
>
>
> That's the way it should be. Just tune the final to the bottom of the dip.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>>
>> ----- Original Message -----
>>
>> From: Isseks, Barry [CC] <mailto:bisseks@...>
>>
>> To: heathkitnovicestations@yahoogroups.com
>>
>> Sent: Wednesday, March 11, 2009 9:29 AM
>>
>> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>>
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>>
>> I get no grid current w/o the xtal.
>>
>>
>> On 3/11/09 9:24 AM, "Bob Macklin" <macklinbob@...> wrote:
>>
>>
>>>
>>>
>>>
>>> For a test you can tune the Tx to the point of max RF on the power meter
>>> then remove the crystal. If you still get grid current with the crystal
>>> removed the tx needs neutralizing.
>>>

>>> Bob Macklin
>>> K5MYJ
>>> Kent (Seattle), Wa,
>>> "Real Radios Glow in the Dark"
>>>
>>>>
>>>> ----- Original Message -----
>>>>
>>>> From: Barry Isseks <mailto:bisseks@...>
>>>>
>>>> To: heathkitnovicestations@yahoogroups.com
>>>>
>>>> Cc: Barry Isseks <mailto:bisseks@...>
>>>>
>>>> Sent: Wednesday, March 11, 2009 7:05 AM
>>>>
>>>> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
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>>>> Thanks Carl,
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>>>>
>>>> I have a couple of 6146's on the way to do that.
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>>>> Barry
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>>>> On Mar 11, 2009, at 4:34 AM, Carl wrote:
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>>>>>
>>>>> Try a different 6146 as not all brands have the same internal C. Since
>>>>> that rig was designed before the 6146B it may also not be completely
>>>>> compatible.

>>>>>
>>>>> Carl
>>>>> KM1H
>>>>>
>>>>> ----- Original Message -----
>>>>> From: "Barry Isseks" <bisseks@...>
>>>>> To: <heathkitnovicestations@yahoogroups.com>
>>>>> Cc: "Barry Isseks" <bisseks@...>
>>>>> Sent: Tuesday, March 10, 2009 10:46 PM
>>>>> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>>>>>
>>>>>> > Hi Bob,
>>>>>> >
>>>>>> > I am not sure how to adjust the feedthrough capacitance in this
>>>>>> > circuit to neutralize the 6146, however, I never much worried about
>>>>>> > that in a single tube final or at these frequencies.
>>>>>> > If you have a clue on procedures please let me know. Most of the
>>>>>> time
>>>>>> > the finals' internal capacitance is considered in the circuit design
>>>>>> > and I have not seen this as an issue in the DX-40 as I remember.
>>>>>> >
>>>>>> > Barry
>>>>>> > K6ZA
>>>>>> >
>>>>>> >
>>>>>> >
>>>>>> > On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
>>>>>> >
>>>>>>>> >>
>>>>>>>> >> Have you checked the neutralization?
>>>>>>>> >>
>>>>>>>> >> Bob Macklin
>>>>>>>> >> K5MYJ
>>>>>>>> >> Kent (Seattle), Wa,
>>>>>>>> >> "Real Radios Glow in the Dark"
>>>>>>>> >> ----- Original Message -----
>>>>>>>> >> From: Barry
>>>>>>>> >> To: heathkitnovicestations@yahoogroups.com
>>>>>>>> <mailto:heathkitnovicestations%40yahoogroups.com>
>>>>>>>> >> Sent: Tuesday, March 10, 2009 6:06 PM
>>>>>>>> >> Subject: [heathkitnovicestations] DX-40 refurbishing
>>>>>>>> >>
>>>>>>>> >> DX-40 fans.. when the peak power out seen on the watt meter
>>>>>>>> happens
>>>>>>>> >> (20-30 mils) above the point of the dipped final on the dx-40 meter
>>>>>>>> >> this could mean_____
>>>>>>>> >>
>>>>>>>> >> fill in the blank.
>>>>>>>> >>
>>>>>>>> >> Also, key down, meter needle bleeds off before becoming stable.

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>>>>>>> >>
>>>>>>> >> Thanks as always
>>>>>>> >>
>>>>>>> >> Barry
>>>>>>> >> K6ZA
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441. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 18:19:51 UTC
From: WØQFC
Topic: 417 Message: 441

Barry, K6ZA:

If you still have the DX-40 out of the cabinet, would you take a couple of pix of the band switch showing the 10, 15, 20, 40 and 80 meter coils?

The one I am working on has no color dots on the coils and I am not sure which one is which!

TIA es 73
Gene, WØQFC

Stuff for sale: www.w0qfc.shutterfly.com
Web site: www.w0qfc.com

AF&AM #91 Lafayette CO

442. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 18:38:09 UTC
From: Isseks, Barry [CC]
Topic: 417 Message: 442

I do have it out of the case. I actually am still working for a living. Should have been retired last year. That¹s not going to happen for a while now !!! (Sorry to rant?, so I will get some shots for you of the coils tonight. Can¹t recall if my dots are visible, but since they are in consecutive order should it not be easy to follow the order??

On 3/11/09 11:19 AM, "WØQFC" <erastber@...> wrote:

>
>
>
> Barry, K6ZA:
>
> If you still have the DX-40 out of the cabinet, would you take a couple of pix
> of the band switch showing the 10, 15, 20, 40 and 80 meter coils?
>
> The one I am working on has no color dots on the coils and I am not sure which
> one is which!
>
> TIA es 73
> Gene, WØQFC
>
> Stuff for sale: www.w0qfc.shutterfly.com <http://www.w0qfc.shutterfly.com>
> Web site: www.w0qfc.com <http://www.w0qfc.com>
>
> AF&AM #91 Lafayette CO
>
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443. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 19:30:53 UTC
From: Carl
Topic: 417 Message: 443

Very true BUT it would be quite simple to add one so that otherwise
"bad" tubes could be used.

Carl
KM1H

----- Original Message -----
From: "Isseks, Barry [CC]" <bisseks@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, March 11, 2009 2:00 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

> Thanks for all the good feedback. No neutralization cap should have
> been a
> clue that no neutralization is needed on the 6146 in the DX-40. That
> said,
> swapping will show if there are apparent weakness in the existing
> final.
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> Barry
> K6ZA
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> On 3/11/09 11:41 AM, "Bob Macklin" <macklinbob@...> wrote:
>
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>>
>> That's the way it should be. Just tune the final to the bottom of the
>> dip.
>>
>> Bob Macklin
>> K5MYJ
>> Kent (Seattle), Wa,
>> "Real Radios Glow in the Dark"
>>>
>>> ----- Original Message -----
>>>
>>> From: Isseks, Barry [CC] <mailto:bisseks@...>
>>>
>>> To: heathkitnovicestations@yahoogroups.com
>>>
>>> Sent: Wednesday, March 11, 2009 9:29 AM
>>>
>>> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>>>

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>>> I get no grid current w/o the xtal.
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>>> On 3/11/09 9:24 AM, "Bob Macklin" <macklinbob@...> wrote:
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>>>> For a test you can tune the Tx to the point of max RF on the power
>>>> meter
>>>> then remove the crystal. If you still get grid current with the
>>>> crystal
>>>> removed the tx needs neutralizing.
>>>>
>>>> Bob Macklin
>>>> K5MYJ
>>>> Kent (Seattle), Wa,
>>>> "Real Radios Glow in the Dark"
>>>>
>>>>>
>>>>> ----- Original Message -----
>>>>>
>>>>> From: Barry Isseks <mailto:bisseks@...>
>>>>>
>>>>> To: heathkitnovicestations@yahoogroups.com
>>>>>
>>>>> Cc: Barry Isseks <mailto:bisseks@...>
>>>>>
>>>>> Sent: Wednesday, March 11, 2009 7:05 AM
>>>>>
>>>>> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>>>>>
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>>>>>
>>>>> Thanks Carl,
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>>>>> I have a couple of 6146's on the way to do that.
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>>>>> Barry
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>>>>> On Mar 11, 2009, at 4:34 AM, Carl wrote:
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>>>>>> Try a different 6146 as not all brands have the same internal C.
>>>>>> Since
>>>>>> that rig was designed before the 6146B it may also not be
>>>>>> completely
>>>>>> compatible.
>>>>>>
>>>>>> Carl
>>>>>> KM1H
>>>>>>
>>>>>> ----- Original Message -----
>>>>>> From: "Barry Isseks" <bisseks@...>
>>>>>> To: <heathkitnovicestations@yahoogroups.com>
>>>>>> Cc: "Barry Isseks" <bisseks@...>
>>>>>> Sent: Tuesday, March 10, 2009 10:46 PM
>>>>>> Subject: Re: [heathkitnovicestations] DX-40 refurbishing
>>>>>>
>>>>>>> > Hi Bob,
>>>>>>> >
>>>>>>> > I am not sure how to adjust the feedthrough capacitance in
>>>>>>> > this
>>>>>>> > circuit to neutralize the 6146, however, I never much
>>>>>>> > worried about
>>>>>>> > that in a single tube final or at these frequencies.
>>>>>>> > If you have a clue on procedures please let me know. Most of
>>>>>>> > the
>>>>>>> time
>>>>>>> > the finals' internal capacitance is considered in the
>>>>>>> > circuit design
>>>>>>> > and I have not seen this as an issue in the DX-40 as I
>>>>>>> > remember.
>>>>>>> >
>>>>>>> > Barry
>>>>>>> > K6ZA
>>>>>>> >

>>>>>>> >
>>>>>>> >
>>>>>>> > On Mar 10, 2009, at 8:08 PM, Bob Macklin wrote:
>>>>>>> >
>>>>>>>>> >>
>>>>>>>>> >> Have you checked the neutralization?
>>>>>>>>> >>
>>>>>>>>> >> Bob Macklin
>>>>>>>>> >> K5MYJ
>>>>>>>>> >> Kent (Seattle), Wa,
>>>>>>>>> >> "Real Radios Glow in the Dark"
>>>>>>>>> >> ----- Original Message -----
>>>>>>>>> >> From: Barry
>>>>>>>>> >> To: heathkitnovicestations@yahoogroups.com
>>>>>>>>> <mailto:heathkitnovicestations%40yahoogroups.com>
>>>>>>>>> >> Sent: Tuesday, March 10, 2009 6:06 PM
>>>>>>>>> >> Subject: [heathkitnovicestations] DX-40 refurbishing
>>>>>>>>> >>
>>>>>>>>> >> DX-40 fans.. when the peak power out seen on the watt
>>>>>>>>> >> meter
>>>>>>>>> happens
>>>>>>>>> >> (20-30 mils) above the point of the dipped final on the
>>>>>>>>> >> dx-40 meter
>>>>>>>>> >> this could mean_____
>>>>>>>>> >>
>>>>>>>>> >> fill in the blank.
>>>>>>>>> >>
>>>>>>>>> >> Also, key down, meter needle bleeds off before becoming
>>>>>>>>> >> stable.
>>>>>>>>> >>
>>>>>>>>> >> Thanks as always
>>>>>>>>> >>
>>>>>>>>> >> Barry
>>>>>>>>> >> K6ZA
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444. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 19:34:51 UTC
From: Carl
Topic: 417 Message: 444

Count the turns<g>

Carl

----- Original Message -----
From: "W?QFC" <erastber@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, March 11, 2009 2:19 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

Barry, K6ZA:

If you still have the DX-40 out of the cabinet, would you take a couple of pix of the band switch showing the 10, 15, 20, 40 and 80 meter coils?

The one I am working on has no color dots on the coils and I am not sure which one is which!

TIA es 73
Gene, W?QFC

Stuff for sale: www.w0qfc.shutterfly.com
Web site: www.w0qfc.com

AF&AM #91 Lafayette CO

445. Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 20:53:12 UTC
From: Bob Macklin
Topic: 417 Message: 445

Which coils are you trying to identify?

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Carl
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 11, 2009 11:34 AM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

Count the turns<g>

Carl

----- Original Message -----
From: "WØQFC" <erastber@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, March 11, 2009 2:19 PM
Subject: Re: [heathkitnovicestations] DX-40 refurbishing

Barry, K6ZA:

If you still have the DX-40 out of the cabinet, would you take a couple
of pix of the band switch showing the 10, 15, 20, 40 and 80 meter coils?

The one I am working on has no color dots on the coils and I am not sure
which one is which!

TIA es 73
Gene, WØQFC

Stuff for sale: www.w0qfc.shutterfly.com
Web site: www.w0qfc.com

AF&AM #91 Lafayette CO

446. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 19:03:46 UTC
From: Isseks, Barry [CC]
Topic: 417 Message: 446
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the picture of the coils. That should help. Let me know.

Barry

On 3/11/09 11:19 AM, "WØQFC" <erastber@...> wrote:

>
>
>
> Barry, K6ZA:
>
> If you still have the DX-40 out of the cabinet, would you take a couple of pix
> of the band switch showing the 10, 15, 20, 40 and 80 meter coils?
>
> The one I am working on has no color dots on the coils and I am not sure which
> one is which!
>
> TIA es 73
> Gene, WØQFC
>
> Stuff for sale: www.w0qfc.shutterfly.com <http://www.w0qfc.shutterfly.com>
> Web site: www.w0qfc.com <http://www.w0qfc.com>
>
> AF&AM #91 Lafayette CO
>
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>
>>

447. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 21:15:34 UTC
From: Bob Macklin
Topic: 417 Message: 447

What application opens a .DOCX file?
----- Original Message -----
From: Isseks, Barry [CC]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 11, 2009 11:03 AM
Subject: Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Here is the picture of the coils. That should help. Let me know.

Barry

On 3/11/09 11:19 AM, "WØQFC" <erastber@...> wrote:

Barry, K6ZA:

If you still have the DX-40 out of the cabinet, would you take a couple of pix of the band switch showing the 10, 15, 20, 40 and 80 meter coils?

The one I am working on has no color dots on the coils and I am not sure which one is which!

TIA es 73
Gene, WØQFC

Stuff for sale: www.w0qfc.shutterfly.com <http://www.w0qfc.shutterfly.com>
Web site: www.w0qfc.com <http://www.w0qfc.com>

AF&AM #91 Lafayette CO

448. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 20:28:30 UTC
From: WØQFC
Topic: 417 Message: 448

MS Word

Gene, WØQFC

Stuff for sale: www.w0qfc.shutterfly.com
Web site: www.w0qfc.com

AF&AM #91 Lafayette CO

449. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 20:52:38 UTC
From: WØQFC
Topic: 417 Message: 449

Thanks Barry, but I have that page from the manual.

What I need is a actual picture of your coils.

73

Gene, WØQFC

Stuff for sale: www.w0qfc.shutterfly.com
Web site: www.w0qfc.com

AF&AM #91 Lafayette CO

450. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 22:10:15 UTC
From: Isseks, Barry [CC]
Topic: 417 Message: 450

Newer Office-Word or Open office both

On 3/11/09 2:15 PM, "Bob Macklin" <macklinbob@...> wrote:

>
>
>
> What application opens a .DOCX file?
>>
>> ----- Original Message -----
>>
>> From: Isseks, Barry [CC] <mailto:bisseks@...>
>>
>> To: heathkitnovicestations@yahoogroups.com
>>
>> Sent: Wednesday, March 11, 2009 11:03 AM
>>
>> Subject: Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing
>>
>>
>>
>>
>>
>> Here is the picture of the coils. That should help. Let me know.
>>
>> Barry
>>
>>
>> On 3/11/09 11:19 AM, "WØQFC" <erastber@tampabay.rr.com> wrote:
>>
>>
>>>
>>>
>>>
>>> Barry, K6ZA:
>>>
>>> If you still have the DX-40 out of the cabinet, would you take a couple of
>>> pix of the band switch showing the 10, 15, 20, 40 and 80 meter coils?
>>>
>>> The one I am working on has no color dots on the coils and I am not sure
>>> which one is which!
>>>
>>> TIA es 73
>>> Gene, WØQFC
>>>

```
>>> Stuff for sale: www.w0qfc.shutterfly.com <http://www.w0qfc.shutterflycom
>>> <http://www.w0qfc.shutterfly.com> >
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>>> AF&AM #91 Lafayette CO
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451. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 23:14:13 UTC
From: Bob Macklin
Topic: 417 Message: 451

I am running W98 with Office2K.

And I am not upgrading again, I have worked Win2K and WinXP and I don't like either.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Isseks, Barry [CC]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, March 11, 2009 2:10 PM
Subject: Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Newer Office-Word or Open office both

On 3/11/09 2:15 PM, "Bob Macklin" <macklinbob@...> wrote:

What application opens a .DOCX file?

----- Original Message -----

From: Isseks, Barry [CC] <mailto:bisseks@....us>

To: heathkitnovicestations@yahoogroups.com

Sent: Wednesday, March 11, 2009 11:03 AM

Subject: Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Here is the picture of the coils. That should help. Let me know.

Barry

On 3/11/09 11:19 AM, "WØQFC" <erastber@tampabay.rr.com> wrote:

Barry, K6ZA:

If you still have the DX-40 out of the cabinet, would you take a couple of pix of the band switch showing the 10, 15, 20, 40 and 80 meter coils?

The one I am working on has no color dots on the coils and I am not sure which one is which!

TIA es 73
Gene, WØQFC

Stuff for sale: www.w0qfc.shutterfly.com <http://www.w0qfc.shutterflycom
<http://www.w0qfc.shutterfly.com> >

Web site: www.w0qfc.com <http://www.w0qfc.com>

AF&AM #91 Lafayette CO

452. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-11 22:11:37 UTC
From: Isseks, Barry [CC]
Topic: 417 Message: 452

Ok Gene. Will do

On 3/11/09 1:52 PM, "WØQFC" <erastber@...> wrote:

>
>
>
> Thanks Barry, but I have that page from the manual.
>
> What I need is a actual picture of your coils.
>
> 73
>
> Gene, WØQFC
>
> Stuff for sale: www.w0qfc.shutterfly.com <http://www.w0qfc.shutterfly.com>
> Web site: www.w0qfc.com <http://www.w0qfc.com>
>
> AF&AM #91 Lafayette CO
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453. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-12 00:13:00 UTC
From: Jon M. Schumacher
Topic: 417 Message: 453

Bob,

You'll have to download "document converter" from the Microsoft page if you want to look at it.

Jon, K1NV

454. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-12 00:21:35 UTC
From: Barry Isseks
Topic: 417 Message: 454
Attachments: 2 described; binary payloads are missing from this source WARC

Ok Gene, Here are 2 picts that should help you. Below you can see the top most coil in the picture is blue dot. That is the 40m coil. The 80 meter coil masked behind it, above the resistor is black dot. In front of the blue dot coil is the 20 m coil with what looks to me like a brown dot, but the book says orange.

455. Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-12 00:26:28 UTC
From: Barry Isseks
Topic: 417 Message: 455

open office is free. download it

On Mar 11, 2009, at 4:14 PM, Bob Macklin wrote:

> I am running W98 with Office2K.
>
> And I am not upgrading again, I have worked Win2K and WinXP and I
> don't like either.
>
> Bob Macklin
> K5MYJ
> Kent (Seattle), Wa,
> "Real Radios Glow in the Dark"
>> ----- Original Message -----
>> From: Isseks, Barry [CC]
>> To: heathkitnovicestations@yahoogroups.com
>> Sent: Wednesday, March 11, 2009 2:10 PM
>> Subject: Re: [SPAM?] Re: [heathkitnovicestations] DX-40 refurbishing
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>> Newer Office-Word or Open office both
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>> On 3/11/09 2:15 PM, "Bob Macklin" <macklinbob@...> wrote:
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>>>> From: Isseks, Barry [CC] <mailto:bisseks@...>
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>>>> To: heathkitnovicestations@yahoogroups.com
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>>>> Sent: Wednesday, March 11, 2009 11:03 AM
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>>>> Subject: Re: [SPAM?] Re: [heathkitnovicestations] DX-40
>>>> refurbishing
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>>>> Here is the picture of the coils. That should help. Let me know.
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>>>> Barry
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>>>> On 3/11/09 11:19 AM, "WØQFC" <erastber@...> wrote:
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>>>>> Barry, K6ZA:
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>>>>> If you still have the DX-40 out of the cabinet, would you take a
>>>>> couple of pix of the band switch showing the 10, 15, 20, 40 and
>>>>> 80 meter coils?
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>>>>> The one I am working on has no color dots on the coils and I am
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>>>>> Gene, WØQFC
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>>>>> <http://www.w0qfc.shutterflycom <http://www.w0qfc.shutterflycom> >
>>>>>
>>>>> Web site: www.w0qfc.com <http://www.w0qfc.com>
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>>>>> AF&AM #91 Lafayette CO
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456. Re: [heathkitnovicestations] heath party?

Yahoo group: heathkitnovicestations
Date: 2009-03-12 02:48:08 UTC
From: mike l dol dormann
Topic: 456 Message: 456

any words on a heath qso party>

mike

proud owner of something that looks like a dx 20 and four beat up hw16s

_____
Digital Photography - Click Now.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmSCMMXaOZiT89nvSpnX9pufNjgu7Fq563jfJ8GinOt4O828FKA/

457. DX-40 neutralizing

Yahoo group: heathkitnovicestations
Date: 2009-03-12 15:48:32 UTC
From: JAMES HANLON
Topic: 457 Message: 457

Y'all,

I've been out of town for a few days, so please excuse me for not chiming in on this earlier.

The DX-40, as has been noted, does not have provisions for neutralization, but it can benefit from being neutralized. A rig which shows greater output at a final tank tuning point that is not tat he center of the dip is doing so because it "needs" to be neutralized. This is not a function of the particular 6146 in the amplifier, and it will not go away if you substitute another tube. You could simply live with it if it does not actually break out into a parasitic oscillation, that's what thousands of owners of DX-40's did for ever and ever. You can tell if it is actually going into a parasitic by, as has been suggested, removing the crystal and watching the grid drive. Zero grid drive indicates no oscillation.

The DX-60 recognized the need for neutralization, and a scheme similar to that used in the DX-60 can be used with the DX-40. Here is how to neutralize a DX-40. I got this info several years ago from a friend, N5CU, who has been using his DX-40 ever since they were new.

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You will need to remove the B+ feed to the 6146 plate tank. You can do this by temporarily disconnecting one of the leads to the RFC feeding B+ to the final amp plate.

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Good luck!

Jim Hanlon, W8KGI

458. Re: [heathkitnovicestations] DX-40 neutralizing

Yahoo group: heathkitnovicestations
Date: 2009-03-12 16:20:35 UTC
From: Carl
Topic: 457 Message: 458

Good info on the neutralizing procedure Jim.

However, lack of neutralization induced oscillation and parasitics are completely different.

Neutralization problems are at the fundamental frequency the circuit is tuned to and depends upon external LC resonances to turn the stage into a TPTG oscillator.

A parasitic is internal to the tube and is a result of its own LC relationships between elements. Those parasitics are above the operating frequency and with modern tubes are in the VHF region. The parasitic suppressor at the plate cap dampens them.

There is a low frequency parasitic sometimes seen in RF amps which is usually caused by a series resonance in a grid bias RFC.

Carl
KM1H

----- Original Message -----
From: "JAMES HANLON" <knjhanlon@...>
To: "heathkitnovicestations" <heathkitnovicestations@yahoogroups.com>
Sent: Thursday, March 12, 2009 11:48 AM
Subject: [heathkitnovicestations] DX-40 neutralizing

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Good luck!

Jim Hanlon, W8KGI

459. Re: [heathkitnovicestations] DX-40 neutralizing

Yahoo group: heathkitnovicestations
Date: 2009-03-12 16:33:35 UTC
From: JAMES HANLON
Topic: 457 Message: 459

Carl,

I won't argue with you. I made a bad choice of words.

Jim

----- Original Message -----
From: Carl<mailto:km1h@...>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Thursday, March 12, 2009 10:20 AM
Subject: Re: [heathkitnovicestations] DX-40 neutralizing

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Carl
KM1H

----- Original Message -----
From: "JAMES HANLON" <knjhanlon@...<mailto:knjhanlon%40msn.com>>
To: "heathkitnovicestations"
<heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations%40yahoogroups.com>>
Sent: Thursday, March 12, 2009 11:48 AM
Subject: [heathkitnovicestations] DX-40 neutralizing

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Good luck!

Jim Hanlon, W8KGI

460. Re: [heathkitnovicestations] DX-40 neutralizing

Yahoo group: heathkitnovicestations
Date: 2009-03-12 17:59:35 UTC
From: Bob Macklin
Topic: 457 Message: 460

In the day of the DX-35 and DX-40 we did not have in-line power meters. We just set the final tuning capacitor to the maximum dip point.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations
Sent: Thursday, March 12, 2009 7:48 AM
Subject: [heathkitnovicestations] DX-40 neutralizing

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Good luck!

Jim Hanlon, W8KGI

461. Re: [heathkitnovicestations] DX-40 plate modulating

Yahoo group: heathkitnovicestations
Date: 2009-03-12 19:44:59 UTC
From: Isseks, Barry [CC]
Topic: 457 Message: 461

Thanks for the neutralization comments and instructions. Moving forward, in the 60¹s I plate modulated my DX-40 with an Eico 730 plate modulator. The reports were always one of the best AM signals on the air in those days. Do any of you wise recollectors have or know how I can reproduce this. I had help from an EE friend back then, but he has sadly passed on. Also I do not have have a 730 schematic today. So.. Let me know what you think or where to look.

Again, thanks for any help.

Barry
K6ZA

On 3/12/09 8:48 AM, "JAMES HANLON" <knjhanlon@...> wrote:

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> Jim Hanlon, W8KGI
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462. Re: [heathkitnovicestations] DX-40 plate modulating

Yahoo group: heathkitnovicestations
Date: 2009-03-12 21:04:28 UTC
From: Bob Macklin
Topic: 457 Message: 462

Send me your email address and I will send you an EICO 730 manual.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

----- Original Message -----
From: Isseks, Barry [CC]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, March 12, 2009 11:44 AM
Subject: Re: [heathkitnovicestations] DX-40 plate modulating

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Jim Hanlon, W8KGI

463. Re: [heathkitnovicestations] DX-40 plate modulating

Yahoo group: heathkitnovicestations
Date: 2009-03-12 21:05:22 UTC
From: Bob Macklin
Topic: 457 Message: 463
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the EICO 730 manual.

Bob Macklin
K5MYJ
Kent (Seattle), Wa,
"Real Radios Glow in the Dark"

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464. Re: [heathkitnovicestations] DX-40 plate modulating

Yahoo group: heathkitnovicestations
Date: 2009-03-12 20:31:15 UTC
From: Isseks, Barry [CC]
Topic: 457 Message: 464

bisseks@...

Thanks

On 3/12/09 2:04 PM, "Bob Macklin" <macklinbob@msn.com> wrote:

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>> ----- Original Message -----
>>
>> From: Isseks, Barry [CC] <mailto:bisseks@...>
>>
>> To: heathkitnovicestations@yahoogroups.com
>>
>> Sent: Thursday, March 12, 2009 11:44 AM
>>
>> Subject: Re: [heathkitnovicestations] DX-40 plate modulating
>>
>>
>>
>>
>>
>> Thanks for the neutralization comments and instructions. Moving forward, in
>> the 60¹s I plate modulated my DX-40 with an Eico 730 plate modulator. The
>> reports were always one of the best AM signals on the air in those days. Do
>> any of you wise recollectors have or know how I can reproduce this. I had
>> help from an EE friend back then, but he has sadly passed on. Also I do not
>> have have a 730 schematic today. So.. Let me know what you think or where
>> to look.
>>
>> Again, thanks for any help.
>>
>> Barry
>> K6ZA
>>
>>
>> On 3/12/09 8:48 AM, "JAMES HANLON" <knjhanlon@...> wrote:
>>

>>
>>>
>>>
>>>
>>> Y'all,
>>>
>>> I've been out of town for a few days, so please excuse me for not chiming
>>> in on this earlier.
>>>
>>> The DX-40, as has been noted, does not have provisions for neutralization,
>>> but it can benefit from being neutralized. A rig which shows greater
>>> output at a final tank tuning point that is not tat he center of the dip is
>>> doing so because it "needs" to be neutralized. This is not a function of
>>> the particular 6146 in the amplifier, and it will not go away if you
>>> substitute another tube. You could simply live with it if it does not
>>> actually break out into a parasitic oscillation, that's what thousands of
>>> owners of DX-40's did for ever and ever. You can tell if it is actually
>>> going into a parasitic by, as has been suggested, removing the crystal and
>>> watching the grid drive. Zero grid drive indicates no oscillation.
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>>> The DX-60 recognized the need for neutralization, and a scheme similar to
>>> that used in the DX-60 can be used with the DX-40. Here is how to
>>> neutralize a DX-40. I got this info several years ago from a friend, N5CU,
>>> who has been using his DX-40 ever since they were new.
>>>
>>> Connect a piece of stiff wire, #18 solid copper would be good, which will
>>> become one "plate" of your neutralizing capacitor to the ungrounded side of
>>> the 20 MMF variable capacitor in the plate circuit of the 6CL6 buffer tube.
>>> Run the free end of this wire near to the 6146. You will need an "rf
>>> indicating device" that can measure a low level of RF output across RF
>>> Output jack or in the final tank circuit. I used an oscilloscope across
>>> the RF Output jack for this job. In the DX-60 manual, Heath recommends
>>> using a grid dip meter (set on the diode detector range) coupled to the
>>> final tank or connecting the high impedance probe of a VTVM between the
>>> antenna connector and ground with the VTVM on a low AC range.
>>>
>>> You will need to remove the B+ feed to the 6146 plate tank. You can do
>>> this by temporarily disconnecting one of the leads to the RFC feeding B+ to
>>> the final amp plate.
>>>
>>> Select a crystal that will put you near the middle of the 10 meter band.
>>> Set the bandswitch for 10 meters. Set the Final Loading capacitor fully
>>> closed. Set the Function Switch on "Tune" to remove B+ from the final
>>> screen. Adjust the buffer tuning for normal grid drive, 3 ma or a little
>>> less. Adjust the Final Tuning capacitor for a maximum reading on the RF
>>> Indicator.
>>>
>>> Now adjust the physical position of the neutralizing wire for a minimum
>>> reading on the RF indicator. You may need to shorted the wire a bit to
>>> achieve this adjustment. Readjust the Final Tuning control for peak

>>> indication again, and also reposition the neutralizing wire for minimum RF
>>> indication. When the final amplifier has been neutralized properly, the
>>> Final Tuning capacitor can be rotated with very little variation in the RF
>>> indicator reading.
>>>
>>> Reconnect the B+ feed to the final. Try out your rig.
>>>
>>> My friend also recommended adding an 8.2 microhenry RF choke in the final
>>> screen lead of the 6146. His schematic shows it as being between the point
>>> where the bypass capacitor is connected to the screen pin of the socket
>>> (#3) and the Function Switch. He also recommended bypassing to ground both
>>> leads attached to the panel meter with .002 mfd disc ceramics. At least
>>> this later move is to reduce TVI, I believe. I would also recommend paying
>>> close attention to all of the ground connections associated with the final
>>> amplifier, and the 6146 tube socket. Make sure that they are electrically
>>> sound.
>>>
>>> Good luck!
>>>
>>> Jim Hanlon, W8KGI
>>>
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465. Re: [heathkitnovicestations] DX-40 plate modulating

Yahoo group: heathkitnovicestations
Date: 2009-03-12 21:30:55 UTC
From: Carl
Topic: 457 Message: 465

http://bama.edebris.com/manuals/eico/730/

These days Id find a suitable multitap xfmr on Ebay and build a loafing
pair of 807's around it. 807's are cheaper than the 6L6, KT-88, and
EL-34.

Carl
KM1H

----- Original Message -----
From: "Isseks, Barry [CC]" <bisseks@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Thursday, March 12, 2009 3:44 PM
Subject: Re: [heathkitnovicestations] DX-40 plate modulating

Thanks for the neutralization comments and instructions. Moving forward,
in
the 60?s I plate modulated my DX-40 with an Eico 730 plate modulator.
The
reports were always one of the best AM signals on the air in those days.
Do
any of you wise recollectors have or know how I can reproduce this. I
had
help from an EE friend back then, but he has sadly passed on. Also I do
not
have have a 730 schematic today. So.. Let me know what you think or
where
to look.

Again, thanks for any help.

Barry
K6ZA

On 3/12/09 8:48 AM, "JAMES HANLON" <knjhanlon@...> wrote:

>
>
>
> Y'all,
>
> I've been out of town for a few days, so please excuse me for not
> chiming in
> on this earlier.
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> The DX-40, as has been noted, does not have provisions for
> neutralization, but

> it can benefit from being neutralized. A rig which shows greater
> output at a
> final tank tuning point that is not tat he center of the dip is doing
> so
> because it "needs" to be neutralized. This is not a function of the
> particular 6146 in the amplifier, and it will not go away if you
> substitute
> another tube. You could simply live with it if it does not actually
> break out
> into a parasitic oscillation, that's what thousands of owners of
> DX-40's did
> for ever and ever. You can tell if it is actually going into a
> parasitic by,
> as has been suggested, removing the crystal and watching the grid
> drive. Zero
> grid drive indicates no oscillation.
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> The DX-60 recognized the need for neutralization, and a scheme similar
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> used in the DX-60 can be used with the DX-40. Here is how to
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> DX-40. I got this info several years ago from a friend, N5CU, who has
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> using his DX-40 ever since they were new.
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> Connect a piece of stiff wire, #18 solid copper would be good, which
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> become one "plate" of your neutralizing capacitor to the ungrounded
> side of
> the 20 MMF variable capacitor in the plate circuit of the 6CL6 buffer
> tube.
> Run the free end of this wire near to the 6146. You will need an "rf
> indicating device" that can measure a low level of RF output across RF
> Output
> jack or in the final tank circuit. I used an oscilloscope across the
> RF
> Output jack for this job. In the DX-60 manual, Heath recommends using
> a grid
> dip meter (set on the diode detector range) coupled to the final tank
> or
> connecting the high impedance probe of a VTVM between the antenna
> connector
> and ground with the VTVM on a low AC range.
>
> You will need to remove the B+ feed to the 6146 plate tank. You can
> do this
> by temporarily disconnecting one of the leads to the RFC feeding B+ to
> the
> final amp plate.
>

> Select a crystal that will put you near the middle of the 10 meter
> band. Set
> the bandswitch for 10 meters. Set the Final Loading capacitor fully
> closed.
> Set the Function Switch on "Tune" to remove B+ from the final screen.
> Adjust
> the buffer tuning for normal grid drive, 3 ma or a little less.
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> Final Tuning capacitor for a maximum reading on the RF Indicator.
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> indication again, and also reposition the neutralizing wire for
> minimum RF
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> Good luck!
>
> Jim Hanlon, W8KGI
>
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466. Re: [heathkitnovicestations] DX-40 plate modulating

Yahoo group: heathkitnovicestations
Date: 2009-03-12 22:45:39 UTC
From: Isseks, Barry [CC]
Topic: 457 Message: 466

Loved those EL-34¹s, nice glow.

On 3/12/09 2:30 PM, "Carl" <km1h@jeremy.mv.com> wrote:

>
>
>
> http://bama.edebris.com/manuals/eico/730/
>
> These days Id find a suitable multitap xfmr on Ebay and build a loafing
> pair of 807's around it. 807's are cheaper than the 6L6, KT-88, and
> EL-34.
>
> Carl
> KM1H
>
> ----- Original Message -----
> From: "Isseks, Barry [CC]" <bisseks@...
> <mailto:bisseks%40srvusd.k12.ca.us> >
> To: <heathkitnovicestations@yahoogroups.com
> <mailto:heathkitnovicestations%40yahoogroups.com> >
> Sent: Thursday, March 12, 2009 3:44 PM
> Subject: Re: [heathkitnovicestations] DX-40 plate modulating
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> where
> to look.
>
> Again, thanks for any help.
>
> Barry
> K6ZA
>
> On 3/12/09 8:48 AM, "JAMES HANLON" <knjhanlon@...
> <mailto:knjhanlon%40msn.com> > wrote:

>
>> >
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>> > amplifier, and the 6146 tube socket. Make sure that they are

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>> > electrically
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>> >
>> > Good luck!
>> >
>> > Jim Hanlon, W8KGI
>> >
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467. OT WTB: Atlas -210x 215x

Yahoo group: heathkitnovicestations
Date: 2009-03-14 06:24:29 UTC
From: Howard Weinstein
Topic: 467 Message: 467

Gang,

Please excuse me for mentioning a vintage solid state rig here but I know there are those of you who are familiar with the Atlas series of transceivers manufactured by Herb Johnson 30 some years ago.

I am going to be spending a lot of time in the mobile over the next few months between PA and MA. It's about a 250 mile run every two weeks so I'll have lots "of on-the-air" time.

I want to procure an Atlas-210x or Atlas-215x HF transceiver for mobile operations. Any and all accessories will be considered, especially a microphone.

Tnx es 72/73 de Howard K3HW

468. Heathkit QSO Party

Yahoo group: heathkitnovicestations
Date: 2009-03-15 01:50:52 UTC
From: JAMES HANLON
Topic: 468 Message: 468

There's been a little interest in a Heathkit QSO Party. Let's see if we can't find enough common interest to schedule something. Please answer the following questions if you would like to take part.

What days of the week would be most convenient for you?

What time would be most convenient for you?

What bands can you work? Let's limit that to 80, 40 and 20 to start.

Are you interested in CW, AM, SSB? (Multiple answers are OK.)

Do you have any favorite frequencies? (Especially important if you are crystal controlled.)

Any other comments or suggestions?

Jim, W8KGI

469. Re: [heathkitnovicestations] Heathkit QSO Party

Yahoo group: heathkitnovicestations
Date: 2009-03-15 03:16:07 UTC
From: Ray
Topic: 468 Message: 469

```
1.  any   - retired
2.  any  - retired
3.  80-40-20-15 -
4.  1st choice is cw - 2nd is AM
5.  3530, 3546, 3560, 70950, 7120+/- 14050

Ray, W5XE
"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op USAFSS,kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115
ARCI-5784 fp #111 NCT2R El Paso,(FAR WEST) TEXAS
```

470. Re: Heathkit QSO Party

Yahoo group: heathkitnovicestations
Date: 2009-03-15 19:44:57 UTC
From: Jim
Topic: 468 Message: 470

--- In heathkitnovicestations@yahoogroups.com, "JAMES HANLON" <knjhanlon@...> wrote:
>
> There's been a little interest in a Heathkit QSO Party. Let's see if we can't find enough common interest to schedule something. Please answer the following questions if you would like to take part.
>
> What days of the week would be most convenient for you?
Any evening.
>
> What time would be most convenient for you?
7 to 10 pm
>
> What bands can you work? Let's limit that to 80, 40 and 20 to start.
80, 40, 20
>
> Are you interested in CW, AM, SSB? (Multiple answers are OK.)
CW, AM, SSB
>
> Do you have any favorite frequencies? (Especially important if you are crystal controlled.)
No you choose.
>
> Any other comments or suggestions?
I'm out of the country . Keep me posted.
Jim VE3DDY
>
> Jim, W8KGI
>

471. Re: [heathkitnovicestations] Re: Heathkit QSO Party

Yahoo group: heathkitnovicestations
Date: 2009-03-15 20:38:28 UTC
From: mike l dol dormann
Topic: 468 Message: 471
Attachments: 2 described; binary payloads are missing from this source WARC

maybe there could be a sub catagory in the CX contest, i would not like to put myself is a position of working another contest.....if i was available, my heath stuff was set up, i did not have any gigs or have to visit my mother in law, the phase of the moon is correct and i did not eat too many donuts that day.....i would love to work a heath contest.....like the electrokraft QSO party!

mike w7dra

On Sun, 15 Mar 2009 19:44:57 -0000 "Jim" <portdoverbells@...>
writes:
--- In heathkitnovicestations@yahoogroups.com, "JAMES HANLON"
<knjhanlon@...> wrote:
>
> There'sbeen a little interest in a Heathkit QSO Party. Let's see if we
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Any evening.
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7 to 10 pm
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> What bands can you work? Let's limit that to 80, 40 and 20 to start.
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> Are you interested in CW, AM, SSB? (Multiple answers are OK.)
CW, AM, SSB
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> Do you have any favorite frequencies? (Especially important if you are
crystal controlled.)
No you choose.
>
> Any other comments or suggestions?
I'm out of the country . Keep me posted.
Jim VE3DDY
>
> Jim, W8KGI
>

_____
Click here to find the inside track on available commercial real estate.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTHDgKhQAe4xm3fvdhz8NIOmeq98NEtUBjewjiLtv
sEdyXW56N5iSU/

472. Reduced 40m and 6m crystals

Yahoo group: heathkitnovicestations
Date: 2009-03-21 11:20:56 UTC
From: Bry Carling
Topic: 472 Message: 472

FOR SALE: FT-243 crystals for the ham bands... CQ CQ CQ...
(temporary reduced prices) - these are normally $12.00 each.

40m is about to open up a whole new adventure with the high power
broadcasters moving out by the end of March. To celebrate, here
are some deals on crystals. (I have many others available)

Some of these are on already-popular AM spots - others encourage
exploration and of course you can operate AM and CW anywhere
that they are allowed.

40m - 10m

7000 kHz - $4.00 each
7025 kHz - $10.00 each
7075 kHz - $8.00 each
7100 kHz - $5.00 each
7106.7 kHz - $6.00 each
7122 kHz - $9.00 each
7123 kHz - $9.00 each
7125 kHz - $5.00 each
7135 kHz - $5.00 each
7136.25 kHz - $4.00 each
7140 kHz - $8.00 each
7143 kHz - $11.00 each (20m AM)
7146 kHz - $9.00 each
7150 kHz - $9.00 each
7152 kHz - $5.00 each
7155 kHz - $5.00 each
7156.25 kHz - $5.00 each
7159 kHz - $9.00 each
7161 kHz - $9.00 each
7162 kHz - $9.00 each
7165 kHz - $5.00 each
7170 kHz - $5.00 each
7172 kHz - $4.00 each
7173.3 kHz - $4.00 each
7174 kHz - $5.00 each
7175 kHz - $5.00 each
7176 kHz - $4.00 each
7177 kHz - $4.00 each
7179 kHz - $4.00 each
7180 kHz - $5.00 each
7185 kHz - $6.00 each
7187 kHz - $6.00 each
7188 kHz - $6.00 each

7190 kHz - $9.00 each
7195 kHz - $9.00 each
7200 kHz - $4.00 each
7205 kHz - $4.00 each
7225 kHz - $4.00 each
7250 kHz - $9.00 each
7275 kHz - $9.00 each
7300 kHz - $4.00 each

6m:

8350 = 50.100 MHz - $5.00 each
8375 kHz = 50.250 MHz - $4.00 each
8400 kHz = 50.4 MHz - $12.00 each
8425 kHz = 50.55 MHz - $4.00 each
8450 kHz = 50.7 MHz - $4.00 each
8475 kHz = 50.85 MHz - $4.00 each

Many other frequencies available. See web site below.

Prices are good while they last, and through March 30th only.
Shipping additional.

73 - Bry, AF4K

http://www.af4k.com/crystals.htm

473. DX-40 refurbishing

Yahoo group: heathkitnovicestations
Date: 2009-03-21 17:50:50 UTC
From: Barry
Topic: 417 Message: 473

Hi guys,

Well I re-capped the DX-40 that was showing max power output off of the meter dip point. And that solved the problem. The dip is now max power out and getting more power out as well. Sig monitoring sounds clean with a crystal, but a odd small change in sound upon key down maybe a bad bypass cap or resistor. Tubes are good as determined by swapping with another DX-40 (yeah, lost my mind, I have 2 now), I have tried to ground things around the final, and although resistance tests show nominal readings, I suspect I will need to do live voltage checks to see if there is breakdown under load. I'll try to keep from touching B+. If you don't hear from me, you will know what happened.

Best 73,

Barry
K6ZA

474. Samuel F. B. Morse born 218 years ago today... how quickly we forget

Yahoo group: heathkitnovicestations
Date: 2009-04-27 13:33:43 UTC
From: Howard Weinstein
Topic: 474 Message: 474

Even the "Google Doodle" is in morse code today!

de Howard K3HW

475. FS: A Nice Stack of HAM RADIO books

Yahoo group: heathkitnovicestations
Date: 2009-05-03 16:50:36 UTC
From: Bry Carling
Topic: 475 Message: 475

FOR SALE: A Nice Stack of HAM RADIO books

Amateur Radio Handbook, Fred Collins 1940 341 pages, hard bound.

Beam Antenna Handbook by William Orr, W6SAI, 200 pages, soft cover

Software for Amateur Radio by Joe Kasser, G3ZCZ 284 pages, hard bound

AMECO Radio Theory Course 1973 - 315 pages, soft cover

Understanding Amateur Radio, ARRL 1977, 222 pages, soft cover

Understanding Solid State Electironics - Radio Shack, 272 pages, soft cover

Radio Amateurs License Manual, ARRL 1979, 168 pages, soft cover

ALL of the above - 7 books for only $29.00 plus media rate shipping

476. FS: Parts

Yahoo group: heathkitnovicestations
Date: 2009-05-17 02:55:34 UTC
From: Bry Carling
Topic: 476 Message: 476

FOR SALE - PARTS etc.

Group of three panel meters

0-200 mA DC meter - 3-1/2" diameter. GE
0-100 mA DC meter - 2-1/2" square. Burlington
0-10mA / 40 mA / 200 mA DC meter - 2-1/2" square. EF Johnson (Rear lighted)

Will sell the group of three for $12.00 plus shipping

= = =
Pittman gear motor 24V DC with 60:1 ratio gears and 1/4" X 3/4" long shaft
for output. Body dimensions - 3-1/2" long by 1-1/2" diameter.
Mount with three screws on froint face or with four screws in rear face.

Available for $5.00 plus shipping

= = =
VARIABLE CAPACITOR:
3-Gang variable cap - Brand New 650 pF per section. Ideal for linear amplifier
service.
1950 pF total capacitance. Stout construction - nickel plated frame, new old stock.
Dimensions: 3.25" X 2.75" X 4.75" deep.
It has a short 1/4" shaft about 3/8" long, so use with coupling or similar.
Available for $14.00 plus shipping

= = =
VARIABLE CAPACITOR:
Cardwell Dual gang variable capacitor ... Two sections each 1000 pF.
2000 pF total capacitance. It looks like it would handle a really powerful RF linear
amplifier
application with several KW. It appears to be new old stock, although you can see
that
a knob has been attached for testing. Hard to tell whether it has ever been used.
No soldering has occurred. Dimensions 13" X 4.5" X 3.5" and has a 1/4" shaft
QTY 1 available for $36.00

= = =
VARIABLE CAPACITOR:
NATIONAL: RADIO CO. Dual gang variable capacitor ... Two sections each 35
pF.
70 pF total capacitance. Very wide spaced. This one will be good for several KV.
Dimensions: 6.75" X 2.75" X 2.5"
Has 0.25" X 1.5" shaft.

QTY 1 available for $8.00 plus shipping

= = =
MCD 35-2 Dual gang variable capacitor ... Two sections each 35 pF.
70 pF total capacitance.
Heavy ceramic construction, nickel plated rock solid. Spacing
looks like it could easily handle 1200 - 1500 V.
Dimensions: 4" X 2.5" X 1.75"
Has 0.25" X 0.75" shaft.
QTY 1 available for $5.00 plus shipping

Thanks for looking & 73 de AF4K, Bry

477. FS: More Variable Capacitors

Yahoo group: heathkitnovicestations
Date: 2009-05-21 11:36:57 UTC
From: Bry Carling
Topic: 477 Message: 477

FOR SALE:

VARIABLE CAPACITOR:

3 sections of 0 - 600 pF for a toptal capacitance of 1800 pF
Radio Condenser Company, Camden, NJ
Beautifully built and in excellent shape. Lightly used - good as new.
Has reduction drive gear attached, but can be used without it
if desired.
Dimensions: 3.25" X 3.25" X 6.5"
Shaft is 1/4" X "long
Available for $15.00 plus shipping

= = =

VARIABLE CAPACITOR:
3 sections of 0 - 400 pF for a toptal capacitance of 1800 pF
Radio Condenser Company, Camden, NJ
Beautifully built and in excellent shape. Lightly used - good as new.
Dimensions: 3.25" X 3.25" X 6.5"
Shaft is 1/4" X "long
Available for $15.00 plus shipping

= = =

VARIABLE CAPACITOR:
3 sections of 0 - 250 pF for a toptal capacitance of 1800 pF
Radio Condenser Company, Camden, NJ
Beautifully built and in excellent shape. Lightly used - good as new.
Dimensions: 3.25" X 3.25" X 4"
Shaft is 1/4" X "long
Available for $12.00 plus shipping

= = =

VARIABLE CAPACITOR:
NATIONAL: RADIO CO. Dual gang variable capacitor ... Two sections each
35
pF.
70 pF total capacitance. Very wide spaced. This one will be good for
several KV.
Dimensions: 6.75" X 2.75" X 2.5"
Has 0.25" X 1.5" shaft.

QTY 1 available for $8.00 plus shipping

= = =
MCD 35-2 Dual gang variable capacitor ... Two sections each 35 pF.
70 pF total capacitance.
Heavy ceramic construction, nickel plated rock solid. Spacing
looks like it could easily handle 1200 - 1500 V.
Dimensions: 4" X 2.5" X 1.75"
Has 0.25" X 0.75" shaft.
QTY 1 available for $5.00 plus shipping

= = =

VARIABLE CAPACITOR:

Type MC-200-M ceramic frame from Hammarlund
0 - 140 pF variable with ceramic frame.
Dimensions: 2" X 2" X 2-3/4" deep. Has standard 1/4" shaft
with antique black "knobby" 8-bump knob.1" diameter.
QTY 1 available for $7.00 plus shipping

= = =

VARIABLE CAPACITOR:
Hammarlund MTC-20-B new old stock, with box.
Has 0 - 20 pF capacitance beautifully built ceramic frame unit
with dimensions: 3" wide X 2" tall X 2-1/4" deep.
HAMMARLUND MFG. Co., New York.
QTY 1 available for $8.00 plus shipping

= = =

VARIABLE CAPACITOR:
Hammarlund MTC-50-C new old stock.
Has 0 - 50 pF capacitance beautifully built ceramic frame unit
with dimensions: 3" wide X 2" tall X 2-1/4" deep.
HAMMARLUND MFG. Co., New York.
QTY 1 available for $8.00 plus shipping

= = =

ALSO:

General Electric 30 uF at 450 V capacitor. Rated safe for 525 volt
surge. New - with axial leads. QTY 1 available for $3.00 plus shipping

= = =

Cornell Dubilier 90 uF at 500 Volts DC can capacitor FP style
with mounting hardware. New in box. Someone attached leads
to test it but it has not been used.
QTY 1 available for $5.00 plus shipping

Thanks for looking & 73 de AF4K, Bry

478. FS: IF transformers and tube things

Yahoo group: heathkitnovicestations
Date: 2009-05-28 18:23:37 UTC
From: Bry Carling
Topic: 478 Message: 478

FOR SALE:

Two 455 kHz I.F. Transformers - no brand on them, about 7/8" square
and 3" tall. PC -solder terminals. $5.00 for the pair

Group #1 of tube type items:
One ceramic 5 pin socket for 807 (NOS)
One octal socket phenolic (NOS)
Tube adapter for making tests. Octal type.
LINK plug-in crystal unit (adjustable) 1126 kHz
Pair of 2E26 tubes
One Philco Type 24 tube
One Cunningham C327 Tube
All of these items in Group #1 for $12.00 plus shipping

Group #2 of tube type items:
Tube pin straightener for 7 pin miniature tubes
Tube pin straightener for 7 pin AND 9 pin miniature tubes
Tube adapter for making tests. Octal type.
Four 2C51 tubes.
All of these items in Group #2 for $12 plus shipping

Thanks for looking - 73 de Brian "Bry" Carling, AF4K

479. WTB: DX-100 or DX-100B

Yahoo group: heathkitnovicestations
Date: 2009-06-08 19:25:42 UTC
From: w5hw_harry
Topic: 479 Message: 479

WTB: DX-100 or DX-100B

Anyone know where one might be available for sale?

Please contact me off-list at w5hw_harry@...

Thanks.

Harry Winship - W5HW - San Antonio
ex-F7HW (Republic of France)
ex-DL4HW (Republic of Germany)
ex-AE1HW (Army MARS - Republic of Germany)
ex-K5HML (The Great Republic of Texas)

In memory of Ed Fauss (SK), the previous W5HW, of Eufala, Oklahoma.

480. FS: VARIABLE CAPACITORS

Yahoo group: heathkitnovicestations
Date: 2009-07-05 22:56:49 UTC
From: Bry Carling
Topic: 480 Message: 480

FOR SALE: USA made VARIABLE CAPACITORS - New and
used - from $1 to $25 each.

All have 1/4" diameter shaft unless otherwise stated.

Cardwell 100 pF + 100 pF large transmitting variable - Dimensions:
4-1/2" X 4" X 12" - clean $25.00

Cardwell 100 pF + 100 pF large transmitting variable - Dimensions:
4-1/2" X 4" X 12" - not quite clean $20.00

QTY 2 - Hammarlund RMC-325S Dimensions 2" X 2" X 3" deep.
extra nice 325 pF caps - $10.00 each

Cardwell 435 pF Model M7462676-1 built like a tank
Dimensions 4" X 3-1/4" X 2" deep - $10.00

QTY 8 ATWATER KENT original 500 pF variables in beautiful shape.
Dimensions 3-1/2" X 3" X 2-1/2" deep - $5.00 each

3 Section X 465 pF generic variable DImensions 2-1/2" 2-1/2" X 3-1/2"
deep. Great for loading cap - $8.00

New generic 4-section variable with 500 pF per section -
quality construction. Dimensions: 2" X 2-1/4" X 4-1/2" deep - has
a shaft that is 3/8" X 3/8" long. QTY 1 for 8.00

ARC-5 180 pF variable capacitor with 18:1 reduction drive gears and shaft.
Available for $4.00

2 section variable - 465pF plus 465 pF - dimensions 2-1/2" X 2-1/2" X 2-1/2"
deep $5.00

2 section variable - 85 pF + 85 pF - dimensions 2-1/2" X 2-1/2" X 2-1/2"
deep $4.00

2 section variable - 365 pF + 110 pF - Dimensions 1-1/2" X 2" X 2"
will sell for $3.00

2 section variable - 395 pF + 140 pF - Dimensions 1-1/2" X 2" X 2"
will sell for $3.00

Hammarlund 3 section - 270 pF per section. Total of 800 pF.
DImensions 2-3/4" X 2-1/4" X 6-1/2" deep. $10.00

Hammarlund MC-200M 200 pF variable - dimensions 1-3/4" X 2" X 2-/12"
with antique knob $5.00

H. I. Company large 0-25 pF variable 3" X 3" X 3-1/2" deep $4.00

QTY 2 - Made in USA (rotary arrow/cap symbol??) - 50pF + 50 pF
transmitting variables.Dimensions 3" X 2" X 4-1/2" deep.
One that has longer shaft 1-1/2" = $5.00
One that has longer shaft 1/2" = $3.00

National Radio Co. two section 35pF + 35 pF Dimensions 2-/34" X 2-3/4" X
6-1/2" deep - nice 1-1/2" shaft $5.00

Hammarlund two section with 35 + 35 pF type MDC-35-MAX
Dimensions 2-1/2" X 1-3/4" X 3-1/2" - $3.00

BUD two section 50 pF + 50 pF DImensions 1-1/2" X 1-1/4" X 2-3/4" deep.
Available for $5.00

Generic USA made 200 pF with locking shaft 3/16" X 3/16"
Overall Dimensions: 1-1/2" X 1" X 2" deep. $1.00

Sickles USA 60 pF variable. DImensions 1" X 1" X 1-1/2" - has
a 1/4" long shaft. $1.00

New Hammarlund 20 pF type MTC-20-B beautiful. Dimensions:
3" 2-/12" X 2-1/4" deep with 1-1/2" long shaft. $5.00

Nice Hammarlund 50 pF type MTC-50-C beautiful. Dimensions:
3" 2-/12" X 2-1/4" deep with 1-1/2" long shaft. $5.00

Shipping additional on all of the above.

73 & thanks for looking - Brian "Bry" Carling, AF4K

481. Salmoncon QRP Campout Starts Today

Yahoo group: heathkitnovicestations
Date: 2009-07-10 17:07:26 UTC
From: Steven S. Coles
Topic: 481 Message: 481

All HF QRP Operators,

Don't forget

http://groups.yahoo.com/group/pQRP

http://www.pqrp.org/joomla/

will be on the air from Bowman Bay near Deception Pass, Washington today (July 10, 2009), tomorrow, and Sunday.

Best regards,

Steven, KD7YTE

482. Re: [heathkitnovicestations] Salmoncon QRP Campout Starts Today

Yahoo group: heathkitnovicestations
Date: 2009-07-10 17:18:41 UTC
From: JAMES HANLON
Topic: 481 Message: 482

Steve,

How about a hint as to time and frequency.

Jim, W8KGI

----- Original Message -----
From: Steven S. Coles<mailto:steven_coles@...>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Friday, July 10, 2009 11:07 AM
Subject: [heathkitnovicestations] Salmoncon QRP Campout Starts Today

All HF QRP Operators,

Don't forget

http://groups.yahoo.com/group/pQRP<http://groups.yahoo.com/group/pQRP>

http://www.pqrp.org/joomla/<http://www.pqrp.org/joomla/>

will be on the air from Bowman Bay near Deception Pass, Washington today (July 10, 2009), tomorrow, and Sunday.

Best regards,

Steven, KD7YTE

483. Re: Salmoncon QRP Campout Starts Today

Yahoo group: heathkitnovicestations
Date: 2009-07-10 18:20:59 UTC
From: Steven S. Coles
Topic: 481 Message: 483

Jim,

Sorry about the broken links. Here's a partial forward from Wayne McFee, NB6M that includes the frequencies post on the pQRP Yahoo group.

Hello All,

Looks like there will be plenty of QRP Radio activity on Saturday the 11th, as we have worked out a schedule with the NoGa group, and have now heard from the Gatorcon people in FL, and people from 1DIJ (One Day In July) group in the midwest, as well as the Armadillocon people in Texas.

See the following:

NoGa QRP Virtual Event, Saturday July 11th

Saturday July 11 is a really big day in the QRP world this year. There are now five QRP events planned around the United States:

SalmonCon, Seattle Washington / Special Event Callsign K7S
1 day in July, Omaha Nebraska (Midwest Homebrewers)
LobsterCon, Brunswick Maine
GatorCon, Orlando Florida
ArmadilloCon, Mesquite Texas

I have communicated with the organizers of SalmonCon and have worked out the details below.

To show support to these events, I propose that we all get on the air as we can using the following schedule:

Saturday, 11 July:

1:00 PM EDT/10:00 AM PDT - 10.116 and 14.060 plus/minus QRM but within a few KHz mode, is CW

17:30 EDT/14:30 PDT - 10.116 and 14.060 plus/minus QRM but within a few KHz, mode is CW

19:30 EDT/16:30 PDT - 14.285 and 18.130 plus/minus QRM but within a few KHz, mode is USB

On Sunday, 12 July:

12:00 EDT/09:00 AM PDT - 10.116 and 14.060 plus/minus QRM but within a few KHz, mode is CW

12:30 EDT/09:30 PDT - 14.285 and 18.130 plus/minus QRM but within a few KHz, mode is USB

Being that multiple stations will be trying from the Atlanta Georgia area, I am proposing that we sign our callsigns as <callsign/NoGa>.

An example would be kc4zua/NoGa.

I hope to hear you on the air.

Roy

Bottom line is, even if you aren't at one of these events, you can certainly get on the air from home and try to make some contacts with us or with some of the other QRP groups that are going to be on the air.

The NoGa group is going to use the suffix /NoGa after their call. The Gatorcon people are using /CFL. Others may well be using simply /QRP.

This will be a great time to be on the air. Hope to hear many of you from K7S.

Wayne NB6M

Bill,

We'll be active on HF from 80 up, maybe even a little 160, we'll see.

So we'll hope to hear you. The 20 es 30 was more to try to work the east coast guys.

With a couple K3s there, it will be interesting to see if we can work two or three bands at once.

Wayne

484. FS: Electronic Parts etc.

Yahoo group: heathkitnovicestations
Date: 2009-07-15 14:19:07 UTC
From: Bry Carling
Topic: 484 Message: 484

FOR SALE:

Johnson 225 Ceramic 5-pin tube socket, NOS 807 style - $4.00

Centralab 500 Kilohm NOS panel pot, std 1/4" shaft X 3" - $4.00

Ohmite non-inductive resistor, 10 ohms, 100 watts NOS - $4.00

Ohmite non-inductive resistors, 3 ohms, 500 watts NOS QTY 2 for $12.00
each

Pair of JAN-CDZ 3B28 rectifier tubes, clean, used, tested - $30.00

Octal tube test adapter - with side terminals - QTY 2 - $4.00 each
Tube Pin Straightener for 7-pin tubes - $3.00
DUAL Tube Pin Straightener for 7 and 9-pin tubes - $5.00

Microwave Diode 1N21BR - $5.00

HC48/U Crystal - 100 kHz std. - $16.00
Link Crystal - 4-pin base, round 1121.875 kHz - $2.00
FT243 Crystal on 100 kHz - $12.00
HC6U Crystal on 1700 kHz - $15.00
FT243 Crystal pairs for 455 kHz i.f. military radios:

3800 - 4255 kHz
3870 - 4325 kHz
3880 - 4335 kHz
3885 - 4340 kHz

1885 - 2340 kHz
1985 - 2440 kHz
Available for $12.00 per crystal.

Also - new DOUBLER crystals for certain military and ham transmitters:
1940, 1942.5 and 1945 kHz - for use at 3880, 3885 and 3890 kHz.
Also available for $12.00 per crystal.

LF Crystals, type HC13U -
50.220 kHz - QTY 1
126.0 kHz - QTY 2
61.74 kHz - QTY 3
78.75 kHz - QTY 3
Above are available for $3.00 each

UTC, United Transformer CG-48C choke - new in box - $5.00

800 pF variable capacitor - 4" X 4" frame, 3/8" shaft X 3" long
- looks new - $5.00

Shipping additional on all of the items above.
Pictures available on request.

Please e-mail me off the list - 73 & thanks for looking -
Brian "Bry" Carling, AF4K

485. SILENT KEY....

Yahoo group: heathkitnovicestations
Date: 2009-07-15 18:01:47 UTC
From: Bry Carling
Topic: 485 Message: 485

Sad announcement from Stu, K4BOV in the Swan Group...

Y'all be careful climbing those towers!!

= = =

Folks,

We have just learned that Jim Mullin, W8KKK died last week as result of
an accident while he was conducting antenna tower work.

Many of you may remember Jim was a participant in the 40M Swan Tech
Nets
of the 1990's, joining in with his Swan 350 and routinely providing
excellent technical input.

Details of the accident and comments from friends and other hams are
located on the following QRZ forum:

http://forums.qrz.com/showthread.php?t=210254

Stu
Group Moderator

486. FS: Group of Metal Octal Tubes etc.

Yahoo group: heathkitnovicestations
Date: 2009-07-21 12:02:13 UTC
From: Bry Carling
Topic: 486 Message: 486

FOR SALE: Group of 5 metal octal tubes etc. These look new.
No boxes.

6AC7W - QTY 2

6SQ7 - QTY 1

6AG7 - QTY 1

There is also one non-octal - new in box Amperex ZM1000
(miniature NIXIE Tube)

I would like $6.00 for all of the above.

73 - Brian "Bry" Carling, AF4K

487. Re:Heathkit QSO Party

Yahoo group: heathkitnovicestations
Date: 2009-03-15 16:07:42 UTC
From: Dale - WC7S
Topic: 468 Message: 487

Howdy,

How about an hour each of Mon/Wed/Fri evenings, and 2 hours on Saturday morning- 1700z
0200z
80/40/20
cw

I have an HX1681/HR1680 pair that is really bugging me to get into a QP.

Thank you,
Dale - WC7S in Wy

488. FS: Ham parts & goodies

Yahoo group: heathkitnovicestations
Date: 2009-08-14 13:06:19 UTC
From: Bry Carling
Topic: 488 Message: 488

FOR SALE: Ham Parts & Goodies

50 ohm UHF dummy load 5 watts - with N connector - good to 2 GHz.
slightly used - $10.00

Load resistors: QTY 2 new - Each is 3 ohms at 500 watts Ohmite - $10 each

Load resistors: QTY 10 new - Each is 4 ohms at 50 watts - gold - $10 each

Load resistor: QTY 1 new - 7.5 ohms at 50 watts - gold - $10 each

Load resistor: QTY 1 new - 300 ohms at 50 watts - gold - $10 each

Tube pin straightener for 7-pin miniature tubes - $5.00

QTY1 - Microwave diode type 1N21BR - $5.00

UTC Choke type CG-48C - 75 H - Battleship gray potted.
Commercial Grade - as described on catalog page N-765:
http://www.the-planet.org/pdf/UTC.pdf
Ideal for making a superior REGEN receiver or other
authentic and fun AF-RF project. 2.6" Dia. x 3.2"High
New in Box - reduced to only $5.00

PAIR of BC-611 Crystals on 5500 and 5995 kHz - $20.00
PAIR of BC-611 Crystals on 3885 and 4340 kHz - $20.00

Metal Octal Tubes:
6AC7, 6AC7W, 6AG7, 6SQ7 plus a ZM1000 nixie - all for $5.00

ELECTROLYTIC CAPACITORS.
QTY 5 - 220 uF at 400V DC - put in series for 44 uF at 2000 KV DC.
Available for $2.00 each

Shipping additional on all of the above.

73 de AF4K, Bry

489. FS: Ham Parts and Accessories

Yahoo group: heathkitnovicestations
Date: 2009-08-16 22:52:59 UTC
From: Bry Carling
Topic: 489 Message: 489

FOR SALE: Various Ham Parts and Accessories.

Centralab 500 Kilohm NOS panel pot, std 1/4" shaft X 3" - $4.00

Ohmite non-inductive resistor, 10 ohms, 100 watts NOS - $4.00

Pair of JAN 3B28 rectifier tubes, clean, used, tested - $30.00

Cardwell 200 pF Variable - consists of dual sections 100 pF + 100 pF.
This is a large transmitting variable capacitor, good for 3 KW easily.
Dimensions: 4-1/2" X 4" X 12"
QTY 2 available for $25.00

FT-243 Crystal on 7075 kHz - $6.00
FT-243 Crystal on 7100 kHz - $6.00
FT-243 Crystal on 7125 kHz - $6.00
FT-243 Crystal on 7140 kHz - $6.00
FT-243 Crystal on 7200 kHz - $6.00

QTY1 - Microwave diode type 1N21BR - $5.00

Roll of waxed lacing cord - 250 yards - brand new.
Great for constructing or repairing wiring harnesses .
QTY 4 spools available for $12.00 each.

LF Crystals, type HC13U - (tall HC6U)
50.220 kHz - QTY 1
126.0 kHz - QTY 2
61.74 kHz - QTY 3
78.75 kHz - QTY 3
Above are available for $3.00 each

PAIR of BC-611 Crystals on 5500 and 5995 kHz - $20.00
PAIR of BC-611 Crystals on 3885 and 4340 kHz - $20.00

Marker Crystals - 100 kHz, 455 kHz, 1000 kHz, 10 MHz
Available for $19.00 each

Shipping additional on all of the items above.
Pictures available on request.

Please e-mail me off the list - 73 & thanks for looking -
Brian "Bry" Carling, AF4K

490. FS: 75m / 80m Band Crystals etc.

Yahoo group: heathkitnovicestations
Date: 2009-08-20 12:45:00 UTC
From: Bry Carling
Topic: 490 Message: 490

FOR SALE: 3.5 MHz Band FT-243 Crystals

3500, 3505, 3510, 3515, 3520, 3528, 3530, 3535, 3540,
3546, 3548, 3550 kHz

3555, 3558, 3560, 3579, 3600, 3614.1, 3615, 3625, 3645,
3675, 3685, 3686, 3700 kHz

3702, 3703, 3705, 3715, 3721, 3723, 3725, 3735, 3739,
3745, 3762, 3765, 3786, 3790 kHz

3800, 3805, 3807, 3810, 3816.8, 3825, 3830, 3837, 3840,
3855, 3870, 3875, 3880 kHz

3885, 3983, 3890, 3900, 3921, 3925, 3930, 3936, 3940,
3943, 3945, 3948, 3955, 3959 kHz

3960, 3963, 3980, 3983, 3986, 3993, 3995, 3996.3, 4000,
4015, 4340, 4500 kHz.

ALSO - commonly used ham crystals:
100 kHz, 455 kHz, 1000 kHz, 1700 kHz, 9MHz, 10MHz etc.

Many others available from BC band to 2m.

Available for $12.00 each

Please contact: Brian, AF4K
via: bcarling@...

SEE: http://www.af4k.com/crystals.htm

491. Net anyone?

Yahoo group: heathkitnovicestations
Date: 2009-08-22 21:52:34 UTC
From: Bry Carling
Topic: 491 Message: 491

Is there a Heathkit net?

Anyone know what time and frequency it meets?

73 de AF4K - Bry

492. FS: Tubes, tubes, tubes

Yahoo group: heathkitnovicestations
Date: 2009-08-30 14:05:02 UTC
From: Bry Carling
Topic: 492 Message: 492

I have the following tubes FOR SALE:

NEW IN BOXES:

6SJ7 QTY 2 Sylvania for $3.00 each

6AG7 - QTY 1 G.E. / JAN for $3.00
6AG7 - QTY 1 Tungsol for $3.00

5581 QTY 1 RCA for $1.00

6J5 - QTY 1 RCA for $3.00

6C5 - QTY 1 RCA for $3.00

25L6GT - QTY 2, G.E. for $2.00 each

1DG3A - QTY 1 Raytheon - for $1.00

All of the above for $20.00 plus shipping

73 de AF4K, Brian

493. FS: Tubes, tubes, tubes - Part 2

Yahoo group: heathkitnovicestations
Date: 2009-08-30 14:19:31 UTC
From: Bry Carling
Topic: 493 Message: 493

FOR SALE - even more tubes!

These are all used, tested tubes:

5Y3GT by G.E. - $4.00

6AJ8 Sylvania - $1.00

6BG6 - $1.00

6BQ6 - $1.00

6DA6 / EF89 Amperex - $1.00

6K6 - CBS - $1.00
6K6 - RCA - $1.00

6L6 metal RCA (looks new) - $5.00

6SL7GT - KEN RAD - $1.00

6W4GT - by G.E. - $1.00

EZ80 Telkefunken - $4.00
80 RCA Radiotron - $2.00

OA2 - $1.00
OB2 - $1.00

35L6GT Sylvania - $1.00

811 - Penta Labs (looks new) - $5.00
811A - RCA - $6.00

866A RCA - $2.00
866AX Amperex - $2.00

5751 - G.E. - $2.00

Or take all of the about for $36.00 plus shipping

73 de AF4K, Brian

494. FS: TRIAD Power Transformer

Yahoo group: heathkitnovicestations
Date: 2009-09-05 19:44:32 UTC
From: Bry Carling
Topic: 494 Message: 494

TRIAD Power Transformer

From TRIAD Transformer Manufacturing Co. of Los Angeles, CA.
Power Transformer Grade 1, Class A, Family 03

PRI = 115 V AC at 60 Hz
Conservatively rated for;
SEC 1 = 700V CT at 120 mA continuous.
SEC 2 = 6.3V CT at 5 Amps
SEC 3 = 5V at 3 Amps

Excellent condition. Very nice, potted, gray metal case. No rust
or dents, looks great. Dimensions: 4" X 3" X 5.25" tall.
#10 Mounting studs are on 3" and 2.5" centers. Mounting nuts included.

Includes a terminal listing diagram on the side for ease of connection.
Great for a transmitter, receiver or audio amplifier project,

QTY 1 available for $18.00 plus shipping.

495. Re: [heathkitnovicestations] FS: TRIAD Power Transformer

Yahoo group: heathkitnovicestations
Date: 2009-09-06 02:48:20 UTC
From: Gary Pewitt
Topic: 494 Message: 495

Bry, I'd like to buy it please. Thanks Gary N9ZSV

Bry Carling wrote:
>
>
> TRIAD Power Transformer
>
> >From TRIAD Transformer Manufacturing Co. of Los Angeles, CA.
> Power Transformer Grade 1, Class A, Family 03
>
> PRI = 115 V AC at 60 Hz
> Conservatively rated for;
> SEC 1 = 700V CT at 120 mA continuous.
> SEC 2 = 6.3V CT at 5 Amps
> SEC 3 = 5V at 3 Amps
>
> Excellent condition. Very nice, potted, gray metal case. No rust
> or dents, looks great. Dimensions: 4" X 3" X 5.25" tall.
> #10 Mounting studs are on 3" and 2.5" centers. Mounting nuts included.
>
> Includes a terminal listing diagram on the side for ease of connection.
> Great for a transmitter, receiver or audio amplifier project,
>
> QTY 1 available for $18.00 plus shipping.
>
>

496. FS: Hammarlund 20 pF Variable Cap (NEW)

Yahoo group: heathkitnovicestations
Date: 2009-09-06 11:52:56 UTC
From: Bry Carling
Topic: 496 Message: 496

FOR SALE:

Hammarlund Manufacturing Company of New York

New In Original Box Hammarlund 20 pF type MTC-20-B beautiful.

Dimensions: 3" 2-/12" X 2-1/4" deep with 1-1/2" long shaft.

Available for $6.00 plus shipping

Picture available...

73 de AF4K - Brian "Bry" Carling

497. FS: MANY ORIGINAL FT243 CRYSTALS

Yahoo group: heathkitnovicestations
Date: 2009-09-08 18:50:45 UTC
From: Bry Carling
Topic: 497 Message: 497

FOR SALE: ORIGINAL W2-era FT243 CRYSTALS

For those who are interested in having the original
FT243
crystals with larger quartz stones inside - I offer the
following. These are all the older type crystals, with
nothing new inside of them. I am guessing that they all
date to around 1943 through 1958 or so.

For some of these frequencies I currently have multiples
on offer. E-mail me with a list of what you would like,
and I will see what is left.

All frequencies in Kc. = Kilocycles per sec.
(no Hertzes here...)

3614.1, 3762, 3765, 3885,
7000, 7006.7, 7025, 7050,
7073.7, 7075, 7100, 7106.7,
7125, 7140, 7150, 7150,
7150.7, 7152, 7155, 7156.25,
7159, 7162, 7165, 7167,
7170, 7172, 7173, 7173.3,
7174, 7175, 7175, 7177,
7179, 7180, 7185, 7188,
7192, 7193, 7199, 7200,
7203, 7204, 7205, 7205,
7206, 7206.7, 7207, 7209,
7211, 7212, 7213, 7214,
7215, 7217, 7220, 7221,
7222, 7224.4, 7225, 7226,
7229, 7232, 7233, 7237.5,
7238.9, 7240, 7241, 7242,
7243, 7243.75, 7246, 7248,
7249, 7250, 7256.25, 7262,
7273.3, 7275, 7279, 7280,
7281.25, 7286, 7287, 7288,
7289, 7291, 7297,

8025, 8075, 8375, 8400,
8425, 8450,

14141.6, 14230, 14280,
14285, 14288 Kc.

Each one is available for $12.00 plus shippng, while
the supply lasts.

73 de AF4K - Brian "Bry" Carling

498. HW-8 Schematic and Molex Power Connector

Yahoo group: heathkitnovicestations
Date: 2009-09-09 14:23:15 UTC
From: Howard Weinstein
Topic: 498 Message: 498

All,

I recently acquired an HW-8 in fairly good electrical/mechanical condition with the original manual.

The manual is complete in all aspects EXCEPT for the fact that it is missing the full size fold-out schematic.

Where can I obtain a full sized schematic? Does someone out there in QRP land have a high quality reproduction that I can obtain?

I would also like to know where I can find the matching molex connector for DC power input. Is thee a part number or does someone have a couple I can purchase?

Tnx es 72/73 de Howie K3HW

499. Re: [heathkitnovicestations] HW-8 Schematic and Molex Power Connector

Yahoo group: heathkitnovicestations
Date: 2009-09-09 14:31:46 UTC
From: Bry Carling
Topic: 498 Message: 499

If anyone has such a large shcematic - you can get a fulls-ize copy made
fairly inexpensively at any FEDEX-KINKO's or FEDEX-OFFICE store now.

From: Howard Weinstein <k3hw@...>

> All,
>
> I recently acquired an HW-8 in fairly good electrical/mechanical condition with the
original manual.
>
> The manual is complete in all aspects EXCEPT for the fact that it is missing the full
size fold-out schematic.
>
> Where can I obtain a full sized schematic? Does someone out there in QRP land have a high
quality reproduction that I can obtain?
>
> I would also like to know where I can find the matching molex connector for DC power
input. Is thee a part number or does someone have a couple I can purchase?
>
> Tnx es 72/73 de Howie K3HW
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> ------------------------------------
>
> Yahoo! Groups Links
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>
>

500. FS: Several Ham Accessories etc.

Yahoo group: heathkitnovicestations
Date: 2009-09-14 02:32:34 UTC
From: Bry Carling
Topic: 500 Message: 500

FOR SALE: Several Ham items and Accessories

Lafayette HA-70C - rare old 11m CB Walkie Talkie - $15.00

Lafayette HA600A Receiver, excellent - $125.00

REALISTIC SP-150 Speaker - $25.00

150 watt HF 80m Through 10m Mobile Linear Amplifier - $125.00

KLM 432 MHz Linear Amplifier - 35 watts - $65.00

Knight STAR ROAMER Receiver, beautiful condx - $95.00

Heathkit HD1416-A Code Oscillator - $25.00

Two straight keys for $5.00 and $10.00 each

MICRONTA 22-204C VOM Test Meter - $6.00

Yaesu FTdx401 style Landliner Phone Patch - $25.00

Palomar Mark V Keyer - with Brown Borthers paddles - $95.00

Calibrator Crystals - HC13/U Crystals on 100 kHz - available for $19.00
Calibrator Crystals - HC6/U Crystals on 455 kHz - available for $19.00 each

Shipping additional on all items above.

73 & thanks for looking - Brian "Bry" Carling

Pictures and details at:
http://www.af4k.com/radios.htm
AND
http://www.af4k.com/miscpart.htm

73 & thanks for looking - Brian "Bry" Carling, AF4K

501. FS: KNIGHKIT STAR ROAMER

Yahoo group: heathkitnovicestations
Date: 2009-09-18 15:59:32 UTC
From: Bry Carling
Topic: 501 Message: 501

For Sale: KNIGHTKIT STAR ROAMER SW RECEIVER

Excellent condition. Manufactured around 1965-1970

Voltages: 110-130 VAC 60 Hz
Coverage: 200-420, 550-30000 kHz
Circuit: Single Conversion Superheterodyne. 5 stages, 4 Tubes
Physical: 12.25x5.5x8" 10 Lbs. 311x140x203mm 4.5 kg
Circuit Complement: 6BE6 Converter, 6HR6 IF Amp, 12AX7 Audio Amp and
6AK6 Audio Output
Features:

* 1/4" Headphone Jack
* S-Meter
* 4" Speaker
* Bandspread 0-100
* Automatic Noise Limiter
* Dial Lamp
* Antenna Trimmer
* Automatic Volume Ccontrol ON/OFF
* Sensitivity
* MW Ferrite Antenna
* CW Practice Jack

Frequency Ranges: 5 Bands Wide Frequency Reception Range of: Sub-BC:
200 Khz. to 400 Khz., BC: 550 to 1600 Khz., SW-1: 1.8 to 4.8 Mhz.,SW-2:
5.8 to 12 Mhz. and SW-3: 12 Mhz. to 30 Mhz.

Black metal cabinet. Allied part number #83YX102J.

Available for $95.00 plus shipping.

Pictures and details at:

http://www.af4k.com/radios.htm

Thanks for looking and 73 - Brian "Bry" Carling

502. FS: NEW BATCH OF OLD FT243 CRYSTALS

Yahoo group: heathkitnovicestations
Date: 2009-10-17 21:26:22 UTC
From: Bry Carling
Topic: 502 Message: 502

FOR SALE: NEW BATCH OF OLD FT243 CRYSTALS

That's right - I have come across a bunch more WW2 era etc.
crystals on amateur radio frequencies.

These are all available for $12.00 each plus shipping

3500, 3504, 3510, 3516, 3519, 3520, 3525, 3540, 3542, 3544, 3546,
3548 kHz
3555, 3556, 3558, 3562, 3568, 3570, 3572, 3590, 3603, 3612, 3614.1,
3640 kHz
3654, 3655, 3667, 3673, 3674, 3685, 3690, 3694, 3709, 3716, 3717,
3720 kHz
3721, 3725, 3728, 3735, 3744, 3747, 3762, 3765, 3797, 3800, 3820,
3825 kHz
3840, 3848, 3853, 3876, 3885, 3891, 3897, 3906, 3931, 3940, 3945,
3952 kHz
3985, 3990, 3995 kHz

7000, 7006.7, 7010, 7025, 7033, 7037, 7050, 7058.5, 7059, 7064.7,
7073.7 kHz
7075, 7088, 7100, 7106.7, 7125, 7133, 7140, 7150, 7150.7, 7152,
7155 kHz
7156, 7156.25, 7159, 7160, 7162, 7165, 7167, 7169, 7170, 7171,
7172 kHz
7173, 7173.3, 7174, 7175, 7177, 7179, 7180, 7183, 7185, 7188, 7192,
7193 kHz
7199, 7200, 7203, 7204, 7205, 7206, 7206.7, 7207, 7208, 7209, 7211,
7212 kHz
7213, 7214, 7215, 7217, 7220, 7221, 7222, 7224.4, 7225, 7226, 7229,
7232 kHz
7233, 7237.5, 7238.9, 7240, 7241, 7242, 7243, 7243.75, 7245, 7246,
7248 kHz
7249, 7250, 7256.25, 7262, 7263, 7273, 7273.3, 7274, 7275, 7275,
7279, 7280 kHz
7281.25, 7286, 7287, 7288, 7289, 7291, 7292, 7297, 7300 kHz

8025, 8050, 8075, 8375, 8400, 8425, 8450 kHz

14141.6, 14229, 14230, 14280, 14285, 14288 kHz

Many others are available. These are just the newest additions.

Contact me via e-mail off the list to arrange purchase or ask any questions.
Thanks for reading & 73 de AF4K, Bry

503. FS: Bunch of FT241 Crystals

Yahoo group: heathkitnovicestations
Date: 2009-11-02 11:08:53 UTC
From: Bry Carling
Topic: 503 Message: 503

FOR SALE: Group of 40 FT241 Crystals in new condition.

Quantity of 40 old FT241 crystals. These are the LF range crystals as used in the military BC620 and BC733 radios. Excellent condition. During WWII these quartz crystals were manufactured for use in military vehicle radios.

These crystals are marked for frequencies in the 20 - 40 mhz range, but the fundamental frequencies are much lower.
Some of the crystals fall in the 455 khz range, and were used by homebrew radio builders in the 1950's onward to make crystal filters, especially for SSB exciters (see early 50's ARRL handbooks).

These are LF crystals in the 300 - 500 kHz range. Marked with channels such as 14, 19, 60, 68, 317, 320 (sorry no specific choices offered) but for example, Channel 68 = 496.3 kHz.

Will sell the box of crystals for $15.00 plus shipping.

Pictures and details at:
http://www.af4k.com/FT241_crystals.htm

73 - Bry Carling, AF4K

504. FS: Military Surplus CS-137 Crystal Case

Yahoo group: heathkitnovicestations
Date: 2009-11-05 12:02:58 UTC
From: Bry Carling
Topic: 504 Message: 504

FOR SALE: Military Surplus CS-137 Crystal Case

Holds 120 type FT-243 crystals. This is an empty case.
Olive color box with two latches and carry handle.

I have four of these available for $25.00 each plus shipping.

Picture and details available at:
http://www.af4k.com/miscpart.htm

73 - Brian Carling, AF4K

505. FS: HW-8 QRP XCVR unmodified w/original manual, good electrical cosmetic condition

Yahoo group: heathkitnovicestations
Date: 2009-11-18 17:09:27 UTC
From: Howard Weinstein
Topic: 505 Message: 505

Good Afternoon Heathkit Gang,

My UNMODIFIED Heathkit HW-8 QRP transceiver package includes:

1. UNMODIFIED HW-8 in good electrical and cosmetic condition
2. ORIGINAL and Complete HW-8 manual with all schematics and pictorials
3. 12 VDC power cord kit including Molex connector, w/proper inserts & 48" of 18 ga. dual conductor red/black DC power supply cable.

$130.00 includes USPS shipping with Delivery Confirmation ANYWHERE in the USA. I ship same day payment is received !

PayPal $130.00 to k3hw@...

This radio in good electrical and cosmetic condition.

The front panel is in very good condition, with clean and clear lettering.

The case has some minor nicks and scuffs - nothing obvious and NO DENTS.

It's a clean 30 some year old transceiver and it looks and operates well for it's age!

As you know the HW-8 transceiver covers the lower 250 KHz of the 80, 40, 20, and 15 meter bands.

Output power as measured into a 50 ohm dummy load:

1.7 W on 80 meters
1.4 W on 40 meters
1.3 W on 20 meters
1.0 W on 15 meters

Great little radio but time for something else...

PayPal $130.00 to k3hw@... for same day shipping !

506. FS: Heathkits

Yahoo group: heathkitnovicestations
Date: 2009-11-19 21:09:35 UTC
From: Bry Carling
Topic: 506 Message: 506

FOR SALE:

Heathkit W7-M audio amplifier in very good condition. - $95.00
Looks great - is completely original and in clean condition.

Heathkit WA-P2 Preamplifier n very good condition - $50.00
Also looks great - all original and in clean condition.

Will sell both for $125.00

(Shipping additional)

507. Re: [heathkitnovicestations] FS: Heathkits

Yahoo group: heathkitnovicestations
Date: 2009-11-19 23:00:34 UTC
From: Greg Pietrucha
Topic: 506 Message: 507

Bry do you have PIX?
Greg
W7HRC

--- On Thu, 11/19/09, Bry Carling <bcarling@...> wrote:

From: Bry Carling <bcarling@...>
Subject: [heathkitnovicestations] FS: Heathkits
To: HEATH@..., heathkit@yahoogroups.com, heathkit@...,
heathkitnovicestations@yahoogroups.com, Heathkit-Radios-Moderated@yahoogroups.com
Date: Thursday, November 19, 2009, 1:09 PM

FOR SALE:

Heathkit W7-M audio amplifier in very good condition. - $95.00
Looks great - is completely original and in clean condition.

Heathkit WA-P2 Preamplifier n very good condition - $50.00
Also looks great - all original and in clean condition.

Will sell both for $125.00

(Shipping additional)

Yahoo! Groups Links

508. FS: ANTIQUE HAM XTALS less than $2.00 each.

Yahoo group: heathkitnovicestations
Date: 2009-11-21 20:59:27 UTC
From: Bry Carling
Topic: 508 Message: 508

FOR SALE:

ANTIQUE HAM BAND CRYSTALS - for less than $2.00 each.

Military surplus crystals from the Golden era of radio. Build or restore something true to the period of the 1930s and 1940s. Three batches of crystals are currently available. See list below.

These large crystals are some of the earliest made for use with regular military radio equipment. There is not a lot of information about them available any more. Some were used in type SCR-522 radios, BC624, BC625, ARC3 etc., etc. However, these would make a great basis for a homebrew, old-style glowbug AM or CW transmitter since they are almost all on useful ham band frequencies. Enough here to share with a friend too on some requencies! Will be quite a conversation piece around the shack.

ANTIQUE CRYSTAL KIT #1

HC1/U crystals = H43 type with 3.4" pin spacing and thick pins.
3756, 3903, 7200, 7223, 7249, 7270 kHz

ALSO - CR-1/A Crystals with 1/2" spacing and thick pins.
7010 kHz (QTY 3), 7270 kHz, 7300 kHz, 10.0667 MHz, 29.520 MHz

Total of 14 excellent-looking crystals, PLUS two sockets of each type.
QTY 2 X Ceramic 3/4" crystal socket.
QTY 2 X plastic 1/2" crystal socket.

Complete kit as described above is available for $22.00 plus shipping.

= = =

ANTIQUE CRYSTAL KIT #2

All CR-1/A crystals or similar metal can crystals (2)
with same pins.

2637, 3522, 7000, 7010 (X2), 7200, 7220, 7230,
7250, 7270 kHz
7290, 7300 kHz (X2)

Total of 13 excellent-looking crystals PLUS two new
ceramic sockets.
QTY 2 X ceramic 1/2" crystal socket.

Complete kit as described above is available for $25.00
plus shipping.

= = =

ANTIQUE CRYSTAL KIT #3

These are all type CR-1/A crystals with the 1/2" pin
spacing, thick pins.
7000, 7010 (X3), 7110, 7140, 7145, 7170, 7210,
7270, 7300 kHz

Total of 11 excellent-looking crystals PLUS two new
ceramic sockets.
QTY 2 X ceramic 1/2" crystal socket.

Complete kit as described above is available for $22.00
plus shipping.

= = =

Details on the crystal types with photos and dimensions
may be found here:

http://www.af4k.com/crystal_holders.htm

Please reply off the l;isty to arrange purchase.

73 de AF4K, Bry

509. FS: hc6/u Crystals for 160m and 80m ham band

Yahoo group: heathkitnovicestations
Date: 2009-11-25 13:52:01 UTC
From: Bry Carling
Topic: 509 Message: 509

FOR SALE:

Older HC6/U Crystals for the Amateur Radio Bands, some
with
thicker pins (*) that will work in the same socket as an
FT243 crystal. These are original, unmodified older
crystals.

HC6/U 3510 kHz
HC6/U 3700 kHz
HC6/U 3742 kHz
HC6/U 3770 kHz
HC6/U 3900 kHz

(*) HC6/U with thicker pins like FT243 - 3705 kHz
(*) HC6/U with thicker pins like FT243 - 3711 kHz
(*) HC6/U with thicker pins like FT243 - 3727 kHz
(*) HC6/U with thicker pins like FT243 - 3743 kHz

These metal can crystals are each available for $12.00
plus shipping.

Some new additions to my original FT243 crystal
listings:
1790 kHz, 1896.5 kHz

For complete listings of the hc6/u and FT243 original
old crystals, see:

http://www.af4k.com/FT243_CRYSTALS_Originals.htm

73 - Bry, AF4K

510. Fw: eToys.com Order Acknowledgement #8002068535

Yahoo group: heathkitnovicestations
Date: 2009-11-29 19:07:24 UTC
From: Greg Pietrucha
Topic: 510 Message: 510

--- On Sun, 11/29/09, customerservice@... <customerservice@...m> wrote:

> From: customerservice@... <customerservice@...>
> Subject: eToys.com Order Acknowledgement #8002068535
> To: gregpie1@yahoo.com
> Date: Sunday, November 29, 2009, 11:01 AM
> Dear Gregory Pietrucha,
>
> Thank you for ordering from us! Your order is # 8002068535,
> and it is currently being processed. You will receive
> additional emails regarding your order as its status
> progresses. Here is a review of the ordering information
> you've provided:
>
> Shipping address
> HEATHER FRIEDLI
> 1447 MILLBROOK Dr.
> ALGONQUIN, IL
> 60102
> US
>
> The following item(s) will be shipped to the above
> address:
>
> Item: 3726464
> Description: New Super Mario Bros. for Nintendo Wii
> Quantity: 1 @ $49.99
> Shipping Method: Ground, (6-10 business days)
> Important: Arrival dependent upon the shipping method
> selected.
>
> Item: 3299793
> Description: Deluxe Folding Goal Set
> Quantity: 1 @ $39.99
> Shipping Method: Ground, (6-10 business days)
> Important: Arrival dependent upon the shipping method
> selected.
>
> Item: 3504358
> Description: LEGO Power Miners: Rock Wrecker (8963)
> Quantity: 1 @ $35.99
> Shipping Method: Ground, (6-10 business days)
> Important: Arrival dependent upon the shipping method
> selected.
>

>
> Please note: If you wish to cancel your order, you may be
> able to do so before it is fully processed. If the cancel
> option is available - and there's only a limited period of
> time that it will be - you'll find a "Cancel Order" button
> next to your order at the following link:
https://www.etoys.com/checkout/index.jsp?process=orderTrackingLogin&remote_ot=true.
>
>
>
> Again, thank you for shopping with us.
>
> Sincerely,
>
> The Customer Service Team
> eToys.com
>
> This is a notification-only email, so please don't respond
> to it. If you have a question regarding your order, please
> visit our online "Help" area of our website at http://www.etoys.com/help.
>
>
> A word about authorization holds.
> An order placed via debit card triggers what looks like a
> deduction of the buying price from the funds available in
> the account to be debited. The money is still in the
> account. This procedure just ensures the funds necessary to
> complete the transaction are reserved until the order is
> processed, at which time the funds are actually transferred.
> Most holds last from 3 to 7 days; however, the holding
> periods can vary greatly from bank to bank. For more
> information, please contact your card-issuing bank for its
> policy regarding authorization holds.
>
>

511. SORRY ABOUT THAT

Yahoo group: heathkitnovicestations
Date: 2009-11-29 19:16:30 UTC
From: Greg Pietrucha
Topic: 511 Message: 511

SORRY I SENT MY GRANDKID CHRISTMAS TO THE WRONG SITE

GREG

512. FS: Extra Nice Panel Meters

Yahoo group: heathkitnovicestations
Date: 2009-12-10 19:26:13 UTC
From: Bry Carling
Topic: 512 Message: 512

FOR SALE: 7 Extra nice NOS panel meters - appear to be
unused but not sure.

QTY 2 WESTINGHOUSE: 0-200 MILLIAMPERES DC

QTY 2 WESTINGHOUSE: 0-500 MILLIAMPERES DC

QTY 1 WESTINGHOUSE: 0-150 VOLTS DC

All the above are the classic square face types with rounded corners.
Dimensions: 2-3/8" X 2-3/8" and require a 2" diameter hole.
These meters are available for $12.00 each

ALSO:

Two brand new DAYSTROM / WESTON Model 1521 panel meters
New In Boxes.... Beautiful round 0 - 1 mA meters with 2-1/2" outer
diameter and require a 2-1/4" mounting hole. These are the sealed,
"RUGGEDIZED," rear-shielded type meters.

QTY 2 available for $15.00 each plus shipping.

513. FS: Antique Ham Band Crystals

Yahoo group: heathkitnovicestations
Date: 2009-12-10 19:46:53 UTC
From: Bry Carling
Topic: 513 Message: 513

ANTIQUE HAM BAND CRYSTALS - for less than $2.00 each.

Military surplus crystals from the Golden era of radio. Build or restore something true to the period of the 1930s and 1940s. Three batches of crystals are currently available. See list below.

These large crystals are some of the earliest made for use with regular military radio equipment. There is not a lot of information about them available any more. Some were used in type SCR-522 radios, BC624, BC625, ARC3 etc., etc. However, these would make a great basis for a homebrew, old-style glowbug AM or CW transmitter since they are almost all on useful ham band frequencies. Enough here to share with a friend too on some requencies! Will be quite a conversation piece around the shack.

ANTIQUE CRYSTAL KIT #1

HC1/U crystals = H43 type with 3.4" pin spacing and thick pins.
3756, 3903, 7200, 7223, 7249, 7270 kHz

ALSO - CR-1/A Crystals with 1/2" spacing and thick pins.
7010 kHz (QTY 3), 7270 kHz, 7300 kHz, 10.0667 MHz, 29.520 MHz

Total of 14 excellent-looking crystals, PLUS two sockets of each type.
QTY 2 X Ceramic 3/4" crystal socket.
QTY 2 X plastic 1/2" crystal socket.

Complete kit as described above is available for $22.00 plus shipping.

= = =

ANTIQUE CRYSTAL KIT #2

All CR-1/A crystals or similar metal can crystals (2) with same pins.

2637, 3522, 7000, 7010 (X2), 7200, 7220, 7230,
7250, 7270 kHz
7290, 7300 kHz (X2)

Total of 13 excellent-looking crystals PLUS two new
ceramic sockets.
QTY 2 X ceramic 1/2" crystal socket.

Complete kit as described above is available for $25.00
plus shipping.

= = =

Details on the crystal types with photos and dimensions
may be found here:

http://www.af4k.com/crystal_holders.htm

Please reply off the list to arrange purchase.

73 de AF4K, Bry

http://www.af4k.com

514. FS: Some hc6u and FT241 Crystals

Yahoo group: heathkitnovicestations
Date: 2009-12-11 11:55:44 UTC
From: Bry Carling
Topic: 514 Message: 514

FOR SALE:

Older HC6/U Crystals for the Amateur Radio Bands,
some with thicker pins (*) that will work in the same socket
as an FT243 crystal. These are original, unmodified older
crystals.

HC6/U 3510 kHz
HC6/U 3700 kHz
HC6/U 3742 kHz
HC6/U 3770 kHz
HC6/U 3900 kHz

(*) HC6/U with thicker pins like FT243 - 3705 kHz
(*) HC6/U with thicker pins like FT243 - 3711 kHz
(*) HC6/U with thicker pins like FT243 - 3727 kHz
(*) HC6/U with thicker pins like FT243 - 3743 kHz

These metal can crystals are each available for $12.00
plus shipping.

Some new additions to my original FT243 crystal
listings: 1790 kHz, 1896.5 kHz

For complete listings of the hc6/u and FT243 original
old crystals, see:

http://www.af4k.com/hc6u_crystals.htm
http://www.af4k.com/FT243_CRYSTALS_Originals.htm

73 - Bry, AF4K

= = = = =

FOR SALE: Group of 40 FT241 Crystals in new condition.

Quantity of 40 old FT241 crystals. These are the LF range crystals as
used in the military BC620 and BC733 radios. Excellent condition.
During WWII these quartz crystals were manufactured for use in
military vehicle radios.

These crystals are marked for frequencies in the 20 - 40 mhz range,
but the fundamental frequencies are much lower.
Some of the crystals fall in the 455 khz range, and were used by
homebrew radio builders in the 1950's onward to make crystal
filters, especially for SSB exciters (see early 50's ARRL handbooks).

These are LF crystals in the 300 - 500 kHz range. Marked with channels such as 14, 19, 60, 68, 317, 320 (sorry no specific choices offered) but for example, Channel 68 = 496.3 kHz.

Will sell the box of crystals for $15.00 plus shipping.

Pictures and details at:
http://www.af4k.com/FT241_crystals.htm

73 - Bry Carling, AF4K

515. Merry Christmas and Happy New Year,

Yahoo group: heathkitnovicestations
Date: 2009-12-25 03:53:55 UTC
From: Steven C
Topic: 515 Message: 515

All,

Merry Christmas and the best of any other holidays you celebrate this time of year.

While the tree lacks the big box whose contents would be assembled by our own hands into a high-quality receiver, transmitter, or instrument, I know Benton Harbor taught most of us how to build our equipment with or without a kit.

73 and very joyful station building and operation in 2010,

Steven, KD7YTE

516. FS: hc6/u and FT243 Crystals

Yahoo group: heathkitnovicestations
Date: 2010-01-01 14:10:58 UTC
From: Bry Carling
Topic: 516 Message: 516

FOR SALE:

Older HC6/U Crystals for the Amateur Radio Bands,
some with thicker pins (*) that will work in the same socket
as an FT243 crystal. These are original, unmodified older
crystals.

HC6/U 3510 kHz
HC6/U 3700 kHz
HC6/U 3742 kHz
HC6/U 3770 kHz
HC6/U 3900 kHz

(*) HC6/U with thicker pins like FT243 - 3705 kHz
(*) HC6/U with thicker pins like FT243 - 3711 kHz
(*) HC6/U with thicker pins like FT243 - 3727 kHz
(*) HC6/U with thicker pins like FT243 - 3743 kHz

These metal can crystals are each available for $12.00
plus shipping.

Some new additions to my original FT243 crystal
listings: 1790 kHz, 1896.5 kHz

For complete listings of the hc6/u and FT243 original
old crystals, see:

http://www.af4k.com/hc6u_crystals.htm
http://www.af4k.com/FT243_CRYSTALS_Originals.htm

73 - Bry, AF4K

517. CW Watering Hole

Yahoo group: heathkitnovicestations
Date: 2010-01-06 11:14:33 UTC
From: Bry Carling
Topic: 517 Message: 517

Crystals on 3546 and 7123 kHz offered: (JANUARY ONLY)

80m Band HC-33/U Crystals - (HC-6/U w/wire leads)
3546 kHz - great for Glowbug / Boatanchor CW work.
Will sell them for $6.00 each plus shipping.

ALSO available:

80m Band FT-243 Crystals - 3546 kHz - same spot
frequency - great for Glowbug / Boatanchor CW work.
Will sell these for $10.00 each plus shipping.

40m Band HC49 Crystals - (smaller w/wire leads)
7123 kHz - great for Glowbug / Boatanchor CW work.
Will sell them for $6.00 each plus shipping.

ALSO available:

40m Band FT-243 Crystals - 7123 kHz - same spot
frequency - great for Glowbug / Boatanchor CW work.
Will sell these for $10.00 each plus shipping.

With an increase in prices on other crystals this
month this is a good deal for those wishing to hop on
the wagon and easily meet everyone else from this group
on the air.

See details and pictures at:
http://www.af4k.com/crystals.htm
http://www.af4k.com/hc33u_crystals.htm
http://www.af4k.com/qrp_crystals.htm

Please contact me off the list to arrange purchase.

73 - Brian, AF4K

518. Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-08 19:47:05 UTC
From: Bob Macklin
Topic: 518 Message: 518

Last month we had the first real improvement in sunspot activity. By this time next year we should be seeing much better conditions. Right now we are just a little behind the predicted curve.

How may people are still watching this list?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

519. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-08 20:57:00 UTC
From: Tony
Topic: 518 Message: 519

Hi Bob,
Still subscribed but see very little activity.
I'm seeing the typical Winter prop pattern....20 meters wide open to Europe during out morning hours and open to Asiatic Russia and Japan in the late afternoons. Australia Long Path is still open early afternoon (beaming Europe) from here.
Hoping things will improve though.
73 and HNY Bob
Tony, W4FOA
(Still have my old S-38C and 6AG7/6L6)

----- Original Message -----
From: Bob Macklin
To: Heath Novice Stations
Sent: Friday, January 08, 2010 2:47 PM
Subject: [heathkitnovicestations] Propagation!!

Last month we had the first real improvement in sunspot activity. By this time next year we should be seeing much better conditions. Right now we are just a little behind the predicted curve.

How may people are still watching this list?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.432 / Virus Database: 270.14.130/2607 - Release Date: 01/08/10 07:35:00

520. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-08 21:07:42 UTC
From: Bob Macklin
Topic: 518 Message: 520

Up here at the North latitudes the propagation is very poor.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Tony
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, January 08, 2010 12:57 PM
Subject: Re: [heathkitnovicestations] Propagation!!

Hi Bob,
Still subscribed but see very little activity.
I'm seeing the typical Winter prop pattern....20 meters wide open to Europe during out morning hours and open to Asiatic Russia and Japan in the late afternoons. Australia Long Path is still open early afternoon (beaming Europe) from here.
Hoping things will improve though.
73 and HNY Bob
Tony, W4FOA
(Still have my old S-38C and 6AG7/6L6)

----- Original Message -----
From: Bob Macklin
To: Heath Novice Stations
Sent: Friday, January 08, 2010 2:47 PM
Subject: [heathkitnovicestations] Propagation!!

Last month we had the first real improvement in sunspot activity. By this time next year we should be seeing much better conditions. Right now we are just a little behind the predicted curve.

How may people are still watching this list?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.432 / Virus Database: 270.14.130/2607 - Release Date: 01/08/10 07:35:00

521. RE: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-08 21:13:08 UTC
From: W8KZW
Topic: 518 Message: 521

Still watching the list, Bob, and struggling through the same tough sledding
you are as far as propagation.

Some random openings - few and far between.

Jeff
W8KZW
www.w8kzw.homestead.com

-----Original Message-----
From: Bob Macklin [mailto:macklinbob@...]
Sent: Friday, January 08, 2010 4:08 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Propagation!!

Up here at the North latitudes the propagation is very poor.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Tony
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, January 08, 2010 12:57 PM
Subject: Re: [heathkitnovicestations] Propagation!!

Hi Bob,
Still subscribed but see very little activity.
I'm seeing the typical Winter prop pattern....20 meters wide open to
Europe during out morning hours and open to Asiatic Russia and Japan in the
late afternoons. Australia Long Path is still open early afternoon (beaming
Europe) from here.
Hoping things will improve though.
73 and HNY Bob
Tony, W4FOA
(Still have my old S-38C and 6AG7/6L6)

----- Original Message -----
From: Bob Macklin
To: Heath Novice Stations
Sent: Friday, January 08, 2010 2:47 PM
Subject: [heathkitnovicestations] Propagation!!

Last month we had the first real improvement in sunspot activity. By
this time next year we should be seeing much better conditions. Right now we

are just a little behind the predicted curve.

How may people are still watching this list?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.432 / Virus Database: 270.14.130/2607 - Release Date:
01/08/10 07:35:00

522. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-08 22:03:16 UTC
From: JAMES HANLON
Topic: 518 Message: 522

Tony,

If you still have that 6AG7/6L6 rig and S-38C, you should get them on the air for the Classic Exchange. The CW CX is coming up on Sunday, January 31 from 1400Z to 0800Z, February 1. The Newsletter with more details should be up on the site soon at http://qsl.asti.com/CX/<http://qsl.asti.com/CX/> . I can send you and anyone else interested a copy if you contact me directly.

Jim Hanlon, W8KGI
w8kgi@...

----- Original Message -----
From: Tony<mailto:w4foa@...>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Friday, January 08, 2010 1:57 PM
Subject: Re: [heathkitnovicestations] Propagation!!

Hi Bob,
Still subscribed but see very little activity.
I'm seeing the typical Winter prop pattern....20 meters wide open to Europe during out morning hours and open to Asiatic Russia and Japan in the late afternoons. Australia Long Path is still open early afternoon (beaming Europe) from here.
Hoping things will improve though.
73 and HNY Bob
Tony, W4FOA
(Still have my old S-38C and 6AG7/6L6)

----- Original Message -----
From: Bob Macklin<mailto:macklinbob@...>
To: Heath Novice Stations<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Friday, January 08, 2010 2:47 PM
Subject: [heathkitnovicestations] Propagation!!

Last month we had the first real improvement in sunspot activity. By this time next year we should be seeing much better conditions. Right now we are just a little behind the predicted curve.

How may people are still watching this list?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.432 / Virus Database: 270.14.130/2607 - Release Date: 01/08/10 07:35:00

523. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-08 23:47:53 UTC
From: N2EY@aol.com
Topic: 518 Message: 523

In a message dated 1/8/2010 2:47:34 P.M. Eastern Standard Time,
macklinbob@... writes:

How may people are still watching this list?

I am.

Propagation, you say? How about this...

On New Year's Day, I hooked up the old WW2 surplus J-37 and had a few SKN
QSOs. Nothing spectacular, but fun.

After SKN I went back to the Vibroplex and have done a mix of DXing and
ragchewing, on 80 and 40 meters. Isle of Man, northern Spain, Cuba, Michigan,
Tennessee, Florida and a couple other places. All with my homebrew 100 watt
CW transceiver (Southgate Type 7, picture on QRZ) and homebrew inverted V.

The Isle of Man QSO was a particularly good catch. I was just tuning
around the low end of 80 meters when I heard the tail end of a CQ by a station
with a rather unusual prefix. Remembering the Barracuda Rule of DX (work 'em
first, sort 'em out later) I gave a quick buzz and he came right back.
Getting across the pond on a winter night may not be the best DX ever done but
to do it on 3502 kc. with 100 homebrew watts and a wire was a bit of fun.
Nice quick QSO and he was off to other things.

So I went to the computer to look up the call and left the rig tuned to
him. No sooner had he signed with me than 3 stations called him, and he began
to work them DX-style. As I looked him up on qrz, the pileup calling him
grew and grew.

Right place, right time, gotta luv it.

73 de Jim, N2EY

524. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-08 23:57:07 UTC
From: wa5pok@peoplepc.com
Topic: 518 Message: 524

I am!

Here is what I do about sunspots ...

http://physicsfiles.com/solarflux.html

73, Mike WA5POK

>
>
> Last month we had the first real improvement in sunspot activity. By
> this time next year we should be seeing much better conditions. Right
> now we are just a little behind the predicted curve.
>
> How may people are still watching this list?
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>

525. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-09 00:01:12 UTC
From: Tony
Topic: 518 Message: 525

Mike
I always apply Solar Flux just before the elbow grease.
For some reason the combination seems to make the antennas play better, especially if the temps are in the 'teens and your fingers tend to stick to the tower legs. From the looks of things, tomorrow may be a good day to play antennas. It was 14 degrees here this morning!!
73
Tony, W4FOA
ex WN4FOA (April 1954)

----- Original Message -----
From: wa5pok@...
To: Bob Macklin
Cc: heathkitnovicestations@yahoogroups.com
Sent: Friday, January 08, 2010 6:57 PM
Subject: Re: [heathkitnovicestations] Propagation!!

I am!

Here is what I do about sunspots ...

http://physicsfiles.com/solarflux.html

73, Mike WA5POK
>
>
> Last month we had the first real improvement in sunspot activity. By
> this time next year we should be seeing much better conditions. Right
> now we are just a little behind the predicted curve.
>
> How may people are still watching this list?
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
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>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.432 / Virus Database: 270.14.130/2607 - Release Date: 01/08/10 07:35:00

526. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-09 00:08:47 UTC
From: Ray
Topic: 518 Message: 526

Good dx catch Jim. Any dx 80 meter contact is well worth it.

Altho the traffic flow is very low, I still get the occasional postings on the Heathkit-novicestations list. Never know when there will be some little tidbit on this list that doesn't appear on any of the others and that makes it worthwhile.

ray, W5XE

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op USAFSS,kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115,ESX cw 016
ARCI-5784 fp #111 SKCC-1486 NCT2R El Paso,(FAR WEST)TEXAS

527. Re: Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-09 01:10:42 UTC
From: Steven C
Topic: 518 Message: 527

All,

Here near the Puget Sound, 49-meter international broadcast near 6,060 kHz sounded better yesterday evening and again this evening than in my recent listening. But I don't hear anyone calling in the 80 or 40 meter amateur-radio bands.

At the moment I don't have a transmitter.

73,

Steven, KD7YTE

528. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-09 18:01:07 UTC
From: wa5pok@peoplepc.com
Topic: 518 Message: 528

This site is one I like for a one-stop detailed check of propagation.

http://www.hamqsl.com/solar.html

73, Mike WA5POK
>
> Last month we had the first real improvement in sunspot activity. By
> this time next year we should be seeing much better conditions. Right
> now we are just a little behind the predicted curve.
>
> How may people are still watching this list?
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>

529. Re: [heathkitnovicestations] Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-09 18:10:58 UTC
From: Bob Macklin
Topic: 518 Message: 529

I use this one for the chart of Solar Cycle progression. It is updated once a month:
http://www.sec.noaa.gov/SolarCycle/

You can get the daily report here:
http://www.swpc.noaa.gov/index.html
And you can see the current picture of the sun.

For a real-time check I uses "IonoProbe". You can download it from the web.

I also use "HamCap". Also downloadable from the web.

I believe both of these programs are freebies.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: wa5pok@...
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, January 09, 2010 10:01 AM
Subject: Re: [heathkitnovicestations] Propagation!!

This site is one I like for a one-stop detailed check of propagation.

http://www.hamqsl.com/solar.html

73, Mike WA5POK
>
> Last month we had the first real improvement in sunspot activity. By
> this time next year we should be seeing much better conditions. Right
> now we are just a little behind the predicted curve.
>
> How may people are still watching this list?
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>

530. Re: Propagation!!

Yahoo group: heathkitnovicestations
Date: 2010-01-10 04:37:15 UTC
From: Dale Putnam
Topic: 518 Message: 530

I just found the lead on the HX/HR 1680 1681 for sidetone that is about 8 inches of phono to phono connector intermittant.. now.. that will drive you nuts... many times..

intermittant.. so the sidetone would be, not be.. then be... again.. if you use sidetone.. when it disappears.. so does you rythem... so you don't use it.. the it comes back.. what a deal...

now to fix it. finally... oh.. and get the tx back up to full power too, that would be nice.

C U on the air, Have a great week coming...
--... ...--

Dale - WC7S in Wy

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/196390707/direct/01/

531. Fw: CX Announcement & Sept 09 Newsletter

Yahoo group: heathkitnovicestations
Date: 2010-01-11 03:07:44 UTC
From: JAMES HANLON
Topic: 531 Message: 531

Hope to see you on the CX.

Jim
----- Original Message -----
From: J.D. MacAulay, WQ8U<mailto:jmac6235@...>
To: Jim W8KGI<mailto:knjhanlon@email.msn.com>
Sent: Sunday, January 10, 2010 7:35 PM
Subject: CX Announcement & Sept 09 Newsletter

I am pleased to announce that the CX Newsletter from the September 2009 CX and the announcement for the upcoming January 31 and February 14 CX Sundays are on the CX website http://qsl.asti.com/CX<http://qsl.asti.com/CX>

Please spread the word so we have a big turnout.

73 & CU in CX

Mac
WQ8U
Hillsborough, NC

532. FS: Variable Capacitors

Yahoo group: heathkitnovicestations
Date: 2010-01-11 14:03:01 UTC
From: Bry Carling
Topic: 532 Message: 532

FOR SALE: Several Medium-large Variable Capacitors.

All are ruggedly constructed and in very good condition.

#1 - 330 pF. USA Military surplus. "RC Company" with heavy duty bearings
Dimensions: 3.5" X 3" X 4.5" deep.
1/4" shaft approx. 1" long. Comes with mounting hardware and three
HD insulators.

#2 - 120 pF split stator. USA Military surplus. Ceramic frame has 60 pF plus
60pF
ceramic insulated, and has square 1-5/8" long ceramic standoffs for
mounting
Dimensions: 3.25" X 2.5" X 4" deep
1/4" shaft approx. 7/8" long.

#3 - 300 pF. Atwater Kent variable. Built like a tank. Extra clean condition.
Dimensions: 3.5" X 2.75" X 2.5" deep
1/4" shaft approx. 3/4" long.

Shipping additional. Please reply off-list and send your zip code
for calculation of S&H.

73 - Brian.

533. Looking for some repro pages

Yahoo group: heathkitnovicestations
Date: 2010-01-21 13:53:31 UTC
From: Bry Carling
Topic: 533 Message: 533

Hi - I am looking for scans or copies of the following articles for the
Heathkit HA-10 Warrior Linear Amplifier

QST - Heathkit Warrior Notes, Dec 1961, P62 - P63

QST - Heathkit Warrior Mods, Feb 1962, P33

The Heathkit Warrior Updated Plus 160 Meters
CQ magazine, November 1997

Can anyone help?

Thanks & 73 - Bry, AF4K

534. New Heathkit HA-10 Group formed

Yahoo group: heathkitnovicestations
Date: 2010-01-29 13:31:25 UTC
From: Bry Carling
Topic: 534 Message: 534

FYI - A new Heathkit HA-10 Warrior Amplifier Group has been formed.

We are going to discuss the Warrior and how we can help each other.

There are also pictures and articles, schematics etc. available to members.
No charge, no hitches. Join today if you're interested:

Everyone is welcome.

http://groups.yahoo.com/group/HeathKit_HFAmps/join

535. RE: GB> New Heathkit HA-10 Group formed

Yahoo group: heathkitnovicestations
Date: 2010-01-29 17:49:12 UTC
From: Bry Carling
Topic: 535 Message: 535

Well Scott, it's just that the group of interested guys has been growing and we were getting tired of haviong to send everything to dozens of e-mail addresses each time to address the group and help one another with the peculiarities of the HA-10.

It needs a special -145V DC power supply among other things.
There are modification articles for 160m operation and numerous other bright ideas that we are sharing. If this doesn't interest you, then why do you feel the need to comment negatively about it?

Sorry if this offends you. If you don't like it, then please - just delete the messages without reading them.

Scott writes:

> I am a Warrior owner and enthusiast, but how much is there to know
> about a 4x811 linear that
> hasn't been said before?Are we degenerating into a mode where there
> is a yahoo group for
> every model number? How about a group for big green heathkits
> instead, seems like the same
> people would be interested, and there would be much more cross-talk.
> Sorry, have to go, I'm
> getting ready to start my group on 1/2 watt Allen-Bradley carbon
> composition resistors with yellow
> reliability bands;)
>
> Scott W7SVJ
> -----Original Message-----
> From: owner-glowbugs@... [mailto:owner-
> glowbugs@...] On Behalf Of Bry Carling
> Sent: Friday, January 29, 2010 6:31 AM
> To: HeathKit_HFAmps@yahoogroups.com;
> FLBOATANCHORS@yahoogroups.com;
> glowbugs@...; heathkit@yahoogroups.com;
> heathkit@...;
> heathkitnovicestations@yahoogroups.com; Heathkit-Radios-
> Moderated@yahoogroups.com
> Cc: MOPAGROUP@yahoogroups.com; 11meteramps@yahoogroups.com;
> dcboatanchors@...; glowbugradio@yahoogroups.com;
> glowbugsmailinglist@yahoogroups.com;
> HollowState@yahoogroups.com
> Subject: GB> New Heathkit HA-10 Group formed
>
> FYI - A new Heathkit HA-10 Warrior Amplifier Group has been
> formed.

>
> We are going to discuss the Warrior and how we can help each
> other.
>
> There are also pictures and articles, schematics etc. available
> to members.
> No charge, no hitches. Join today if you're interested:
>
> Everyone is welcome.
>
> http://groups.yahoo.com/group/HeathKit_HFAmps/join
>
>
>

536. RE: New Heathkit HA-10 Group formed

Yahoo group: heathkitnovicestations
Date: 2010-01-30 15:24:01 UTC
From: Bry Carling
Topic: 534 Message: 536

My apology - I posted the WRONG web address for the new HA-10 Warrior Group.

It should have been:

http://groups.yahoo.com/group/HeathkitWarrior/

73s to all - Brian, AF4K

> FYI - A new Heathkit HA-10 Warrior Amplifier Group has been formed.
>
> We are going to discuss the Warrior and how we can help each other.
>
> There are also pictures and articles, schematics etc. available to
> members.
> No charge, no hitches. Join today if you're interested:
>
> Everyone is welcome.
>
> http://groups.yahoo.com/group/HeathKit_HFAmps/join
>
>
>
>
>
>

537. FS: Rotary Switches

Yahoo group: heathkitnovicestations
Date: 2010-03-01 12:06:40 UTC
From: Bry Carling
Topic: 537 Message: 537

FOR SALE: New Rotary Switches
With standard 1" long X 1/4" split shaft and mounting hardware.

4 Pole 3 Position - QTY 4 available at $5.00 each
2 Pole 6 Position - QTY 2 available at $5.00 each
1 Pole 12 Position - QTY 1 available at $5.00
3 Pole 4 Position - QTY 1 available at $5.00

Shipping additional.

73 - Brian, AF4K

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538. crystals

Yahoo group: heathkitnovicestations
Date: 2010-03-03 03:22:07 UTC
From: davidnapier2@yahoo.com
Topic: 538 Message: 538

Hello,Hey Bry,do you have crystals that will work on my HW-7? Sure hope so!!
Thanks,David/Ka4zuc

539. FS: Some Groups of Amateur Band HC6U Crystals

Yahoo group: heathkitnovicestations
Date: 2010-03-10 19:44:44 UTC
From: Bry Carling
Topic: 539 Message: 539

FOR SALE: Batches of ham band hc6u crystals etc.
(all are the metal cans with narrow pins spaced 0.5" apart)

Group 1 - 7020, 7028, 7035 kHz - all for $20.00

Group 2 - 7043, 7050, 7074, 7082, 7089
and 7094 kHz - all for $25.00

Group 3 - 7123, 7124, 7129 and 7138 kHz - all for $25.00

Group 4 - 7212, 7228, 7242, 7246, 7250 kHz - all for $20.00

Group 5 - 7252, 7257, 7271, 7287, 7296 kHz - all for $20.00

Group 6 - Non-ham band hc6u crystals - 2954, 4845 kHz, 7855 (2) kHz
8.000 MHz, 10.500 MHz, 17.511 MHz, 37.778 MHz, 45,920 MHz -
all for $15.00

Shipping additional

73 de AF4K
-~ø¤°°º¤ø~-"ßrÿ in FLÕRÎÐÁ"-~ø¤°°º¤ø~-

540. FS: Multi-way Crystal Sockets, hc6/u

Yahoo group: heathkitnovicestations
Date: 2010-03-16 00:14:38 UTC
From: Bry Carling
Topic: 540 Message: 540

FOR SALE:

A few really nice AMPHENOL multi-way sockets for hc6u crystals.

These are switchable bank sockets for 10 or 18 crystals.
Two of the ten way ones have a rotary switch wafer attached
and could be used as part of a channelized transmitting system or
to select among several rocks for your favorite operating frequencies.

They all appear to be either unused or used very little and in
excellent condition... built with heavy duty blue plastic material and
have mounting holes.

Dimensions for 10-socket units: 2-3/8" X 2-3/8" X 5/16"
Dimensions for 18-socket unit: 3-1/4" X 2-3/8" X 5/16"

Pictures of these are available here:
http://www.af4k.com/crystal_sockets.htm

Pricing as follows:

QTY 1 - New in package unwired 10-socket unit = $10.00
QTY 2 - Wired, new-looking wired 10-socket units with 10-way
wafer switch. $8.00 each
QTY 1 - Wired, 18-socket unit = $12.00

Shipping additional. Please reply off-list if you'd like some
of these.

Regards - Brian, AF4K

-~ø¤°°º¤ø~-"ßrÿ in FLÕRÎÐÁ"-~ø¤°°º¤ø~-

541. FS: Amateur Band Crystals - bargain basement

Yahoo group: heathkitnovicestations
Date: 2010-03-20 12:54:08 UTC
From: Bry Carling
Topic: 541 Message: 541

Welcome to the bargain basement...

FOR SALE: Amateur Band Crystals - around $3.00 or $4.00 each.
These are all FT243 and HC6U types.
(hc6u crystals are the metal cans with narrow pins spaced 0.5" apart)
(FT243 are bakelite and have thicker pins spaced 0.5" apart)

WILL BE SOLD AS GROUPS ONLY.

Group 1 - 40m-10m type FT243 - 7200, 7206.7, 7225, 7243.75,
7256.25, 7262.5, 7273.3 kHz - All 7 for $19.00

Group 2 - 6m-2m type FT243 - 8025, 8375, 8400, 8425, 8500 kHz
- All 5 for $19.00

Group 3 - type hc6u 7020, 7028, 7035, 7123 kHz - all 4 for $16.00

Group 3 - type hc6u 7124, 7129 and 7138 kHz - all 3 for $9.00

Group 4 - hc6u 7212, 7228, 7242, 7246, 7250 kHz - all 5 for $15.00

Group 5 - hc6u 7252, 7257, 7258.3, 7271, 7287, 7296 kHz
- All 6 for $18.00

Shipping additional

73 de AF4K

Crystal pictures and dimensions may be found at:
http://www.af4k.com/crystal_holders.htm
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542. REDUCED: Multi-crystal sockets

Yahoo group: heathkitnovicestations
Date: 2010-03-21 11:35:26 UTC
From: Bry Carling
Topic: 542 Message: 542

REDUCED:

Excellent military style AMPHENOL multi-way sockets
for HC6U crystals. Great for amateur homebrew projects etc.

These are switchable bank sockets for up to 10 or 18 crystals.
Two of the ten way ones have a rotary switch wafer attached
and could be used as part of a channelized transmitting system or
to select among several rocks for your favorite operating frequencies.

They all appear to be either unused or used very little and in
excellent condition... built with heavy duty blue plastic material and
have mounting holes.

Dimensions for 10-socket units: 2-3/8" X 2-3/8" X 5/16"

Dimensions for 18-socket unit: 3-1/4" X 2-3/8" X 5/16"

Pictures of these are available here:
http://www.af4k.com/crystal_sockets.htm

Pricing as follows:

QTY 1 - New in package unwired 10-socket unit = $8.00
QTY 2 - Wired, new-looking wired 10-socket units with 10-way
wafer switch. $6.00 each
QTY 1 - Wired, 18-socket unit = $10.00

Shipping additional. Please reply off-list if you'd like some
of these.

73 - Brian, AF4K

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543. FS: New Waxed Lacing Cord

Yahoo group: heathkitnovicestations
Date: 2010-03-29 11:06:34 UTC
From: Bry Carling
Topic: 543 Message: 543

FOR SALE: WAXED LACING CORD

New rolls of high quality lacing cord....

Lacing cord for wiring harnesses in homebrew equipment or
restoration of older radio and electronic equipment.
Brand new - comes as a 300 yard spool, so should last for a long time.
Available for $12.50 per spool plus shipping

ALSO:
Waxed Lacing cord Brand new - a larger 500 yard spool,
should last for a long time. One left!
Available for $15.00 plus shipping.

For fastest response, please use my main e-mail address:
af4k@...

Picture and details at:
http://www.af4k.com/miscpart.htm

73 - Brian "Bry" Carling, AF4K
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544. Digging Deeper in the Basement for Crystals

Yahoo group: heathkitnovicestations
Date: 2010-03-30 16:17:31 UTC
From: Bry Carling
Topic: 544 Message: 544

FOR SALE: More "Bargain Basement" Crystals...

For $2.00 to $6.00 each while they last... sold in groups
only. Many of these will multiply up nicely into 20m, 15m,
10m, 6m, 2m, etc.
Some are marked as 15m and 10m are actually 7 MHz crystals.
All are type hc6u metal can crystals with 1/2 inch pin spacing (thin pins)
unless otherwise stated.Shipping additional.

Group 11 - 1845.76 kHz, 1905 kHz and QTY 2 X 1942 MHz
- all 4 for $16.00

Group 12 - QTY 2 X 3727 kHz, 7037 kHz, 7052 kHz, 7070.37 kHz
- All 5 for $29.00

Group 13 - 7022, 7037, 7070.37, 7079, 7081, 7095 kHz
- All 6 for $24.00

Group 14 - QTY 2 X 7095, 7124, 7129, 7138 kHz
- all 5 for $15.00

Group 15 - 7000, 7100, 7159, 7170.37, 7174 kHz
- All 5 for $15.00

Group 16 - 7174, 7185, 7200, 7212, 7242, 7290 kHz
- All 6 for $27.00

Group 17 - QTY 2 X 7218, 7228, 7246, 7247, 7295 kHz
- All 6 for $27.00

Group 18 - 7034 kHz, QTY 2 X 7051 kHz, 7084 kHz, QTY 2 X 7101 kHz
MARKED as: 21.1035, QTY 2 X 21.1535, 21.2535, QTY 2 X 21.3035 MHz
- All 6 for $24.00

Group 19 - 7034, 7051, 7068, QTY 2 X 7084, QTY 2 X 7101 kHz
MARKED as: 21.1035, 21.1535, 21.20350, QTY 2 X 21.2535, QTY 2 X
21.3035 MHz
- All 7 for $21.00

Group 20 - QTY 2 X 7111, 7171, 7184, 7196, 7216, 7253, 7361 kHz
MARKED as: QTY 2 X 28.444, 28.685, 28.735, 28.785, 28.866, 29.011,
29.444 MHz
- All 8 for $26.00

Group 21 - QTY 2 New FT243 'PR' Crystals on 28.616 and 28.670 MHz
- these two for $8.00 total.

Group 22 - QTY 40 (forty) FT241 crystals - note these are
the LF crystals for the military surplus channelized radios.
- Available for $20.00 for all 40.

Please e-mail me off the list to arrange purchase.

Updated listing of availability of these groups will be posted at:

http://www.af4k.com/basementcrystals.htm

73 de AF4K, Bry Carling

545. REDUCED MORE: Ham Crystals

Yahoo group: heathkitnovicestations
Date: 2010-04-08 00:21:05 UTC
From: Bry Carling
Topic: 545 Message: 545

Reduced even more - some great groups of
Amateur Band Crystals...

80m CW and AM, 40m CW and AM etc. etc. etc.

For $2.00 and $3.00 each while they last... sold in groups
only.
Many of these will multiply up nicely into 20m, 15m,
10m, 6m, 2m, etc.
A few are marked as 15m and 10m but are actually 7 MHz crystals.
All are type hc6u metal can crystals with 1/2 inch pin spacing
(thin pins) unless otherwise stated.

Group 11 - 1845.76 kHz, 1905 kHz and QTY 2 X 1942 MHz
- SOLD

Group 12 - QTY 2 X 3727 kHz, 7037 kHz, 7052 kHz, 7070.37 kHz
- All 5 for $10.00

Group 13 - 7022, 7037, 7070.37, 7079, 7081, 7095 kHz
- All 6 for $18.00

Group 14 - QTY 2 X 7095, 7124, 7129, 7138 kHz
- all 5 for $10.00

Group 15 - 7000, 7100, 7159, 7170.37, 7174 kHz
- All 5 for $10.00

Group 16 - 7174, 7185, 7200, 7212, 7242, 7290 kHz
- All 6 for $15.00

Group 17 - QTY 2 X 7218, 7228, 7246, 7247, 7295 kHz
- All 6 for $12.00

Group 18 - 7034 kHz, QTY 2 X 7051 kHz, 7084 kHz, QTY 2 X 7101 kHz
MARKED as: 21.1035, QTY 2 X 21.1535, 21.2535, QTY 2 X 21.3035 MHz
- All 6 for $18.00

Group 19 - 7034, 7051, 7068, QTY 2 X 7084, QTY 2 X 7101 kHz
MARKED as: 21.1035, 21.1535, 21.20350, QTY 2 X 21.2535, QTY 2 X
21.3035 MHz
- All 7 for $14.00

Group 20 - QTY 2 X 7111, 7171, 7184, 7196, 7216, 7253, 7361 kHz
MARKED as: QTY 2 X 28.444, 28.685, 28.735, 28.785, 28.866, 29.011,
29.444 MHz
- All 8 for $16.00

Group 21 - QTY 2 New FT243 'PR' Crystals on 28.616 and 28.670 MHz
- these two for $6.00 total.

Please e-mail me off the list to arrange purchase.

Updated listing of availability of these groups will be posted at:

http://www.af4k.com/basementcrystals.htm

73 de AF4K, Bry Carling

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546. DX-60 PTT

Yahoo group: heathkitnovicestations
Date: 2010-04-28 14:47:22 UTC
From: Bob Macklin
Topic: 546 Message: 546

How are things going. I am starting to hear some activity here in the PNW. The propagation is getting better.

I just completed the HV relay mod in my DX-60. I really don't like the 110VAC antenna relay switching. I am thinking about installing a relay for that and bringing the contacts out on RCA jacks. One for the relay(NO) and one for receiver muting(NC).

A few years ago I built an electronic T/R switch. When I built it I added the circuitry to do PTT using the mic switch to close the key contacts on the DX-60. That seems to work just fine. The mic PTT switch activates a relay that mutes the receiver and closes the key contacts.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

547. Heath DX-60 PTT & HV Relay Mod

Yahoo group: heathkitnovicestations
Date: 2010-04-28 16:42:14 UTC
From: Howard Weinstein
Topic: 546 Message: 547

Good Afternoon Bob,

Glad to hear that things are picking up out there as far as propagation is concerned!

Hopefully it is an indicator for the rest of us who have been living in literal RF black holes for some time now.

Can you recommend where I might find documentation and schematics so that I can perform the HV Relay Mod on my DX-60B ?

There seems to be a fairly active group of AMer's on 75 and 40 here in the Northeast and it would be nice to get this old girl back on the air and do some low band phone ragchewing again... like back in the 60's and 70's...

I remember working 6 meter AM stations up and down the East Coast (including FL) from Melrose Park PA (near Philadelphia) with a rock bound Heath Sixer and Hilltopper 3 element beam...

Tnx es 73 de Howie K3HW

--- On Wed, 4/28/10, Bob Macklin <macklinbob@...> wrote:

From: Bob Macklin <macklinbob@...>
Date: Wednesday, April 28, 2010, 10:47 AM

How are things going. I am starting to hear some activity here in the PNW. The propagation is getting better.I just completed the HV relay mod in my DX-60. I really don't like the 110VAC antenna relay switching. I am thinking about installing a relay for that and bringing the contacts out on RCA jacks. One for the relay(NO) and one for receiver muting(NC).A few years ago I built an electronic T/R switch. When I built it I added the circuitry to do PTT using the mic switch to close the key contacts on the DX-60. That seems to work just fine. The mic PTT switch activates a relay that mutes the receiver and closes the key contactsBob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark

548. FS: 455 kc. and 500 kc. crystals

Yahoo group: heathkitnovicestations
Date: 2010-05-01 19:41:49 UTC
From: Bry Carling
Topic: 548 Message: 548

FOR SALE:
455 kc. and 500 kc. crystals

455 kHz crystals are in hc6u holders, brand new, for $19.00 each
several available.

I have ONE 500 kHz crystal available i na CR-2/U holder, which
is identical to an FT-241 crystal. It has the same pins and spacing
as a standard FT243 crystal and a slightly wider body.
QTY 1 available for $19.00

Shipping additional.
73 - Bry, AF4K

http://www.af4k.com/crystals.htm

crystal

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549. FS: New Muffin Fans for cooling GLOWBUG stuff !

Yahoo group: heathkitnovicestations
Date: 2010-05-06 20:47:14 UTC
From: Howard Weinstein
Topic: 549 Message: 549

Gang,

After completing several hefty vacuum tube transmitters and power supplies I find myself with six (6) BRAND NEW Comair Rotron Muffin Fans that are surplus to my needs.

These fans are new in the original boxes. You can check them out by going to the COMAIR ROTRON website. Search on part number 030572 for all of the information and specifications.

They require between 12 and 28 VDC to run smoothly and quietly and draw about 230 mA with a nominal speed of 3700 RPM. Maximum air flow is 102 CFM. Measurements are 4.7 x 4.7 x 1.3 inches. Great for cooling ANYTHING with vacuum tubes and heavy iron.

They cost about $33.00 each a year or so ago. Now they are up to about $38.00.

I would like $15.00 each plus $3.00 for 1st Class or USPS Priority shipping. If you want more than one I will adjust the shipping cost accordingly.

PayPal ONLY to k3hw@...

I will ship same day if possible and I guarantee these fans 100%. Any problems whatsoever and I will refund your money less shipping.

Make sure to include your preferred shipping address.

Tnx es 73 de Howie K3HW

550. FS: New Muffin Fans for cooling GLOWBUG stuff - ONLY THREE LEFT !!!

Yahoo group: heathkitnovicestations
Date: 2010-05-07 00:16:38 UTC
From: Howard Weinstein
Topic: 550 Message: 550

Gang

Three (3) of the six (6) BRAND NEW Comair Rotron Muffin Fans are spoken for - I'd like to move the remaining three so I don't have to put them on that "auction site". Order this evening and I will ship tomorrow!

The last three fans are NEW in the original boxes. You can check them out by going to the COMAIR ROTRON website. Search on part number 030572 for all of the information and specifications.

They require between 12 and 28 VDC to run smoothly and quietly and draw about 230 mA with a nominal speed of 3700 RPM. Maximum air flow is 102 CFM. Measurements are 4.7 x 4.7 x 1.3 inches. Great for cooling ANYTHING with vacuum tubes and heavy iron.

They cost about $33.00 each a year or so ago. Now they are up to about $38.00.

$15.00 each plus $3.00 for 1st Class or USPS Priority shipping. If you want more than one I will adjust the shipping cost accordingly.

PayPal ONLY to k3hw@...

Make sure to include your preferred shipping address.

Tnx es 73 de Howie K3HW

551. REDUCED - Ham Crystals $2.00 and up

Yahoo group: heathkitnovicestations
Date: 2010-05-07 12:06:12 UTC
From: Bry Carling
Topic: 551 Message: 551

Reduced even more - some great groups of
Amateur Band hc6u and FT243 Crystals...

80m CW and AM, 40m CW and AM etc. etc. etc.
For $2.00 and $3.00 each while they last... sold in groups
only.

Group 14 hc6u - QTY 2 X 7095, 7124, 7129, 7138 kHz
- all 5 for $10.00

Group 15 hc6u - 7000, 7100, 7159, 7170.37, 7174 kHz
- All 5 for $10.00

Group 16 hc6u - 7174, 7185, 7200, 7212, 7242, 7290 kHz
- All 6 for $15.00

Group 17 hc6u - QTY 2 X 7218, 7228, 7246, 7247, 7295 kHz
- All 6 for $12.00

Group 18 hc6u - 7034 kHz, QTY 2 X 7051 kHz, 7084 kHz, QTY 2 X 7101
kHz
MARKED as: 21.1035, QTY 2 X 21.1535, 21.2535, QTY 2 X 21.3035 MHz
- All 6 for $18.00

Group 20 hc6u - QTY 2 X 7111, 7171, 7184, 7196, 7216, 7253, 7361
kHz
MARKED as: QTY 2 X 28.444, 28.685, 28.735, 28.785, 28.866, 29.011,
29.444 MHz
- All 8 for $16.00

Group 21 hc6u - QTY 2 New FT243 'PR' Crystals on 28.616 and 28.670
MHz
- these two for $6.00 total.

Group 25 - Two FT243 crystals on 20m fundamental freqs of
14.042 MHz and 14.060 MHz - available for $24.00 plus shipping.

Please e-mail me off the list to arrange purchase.

Updated listing of availability of these groups will be posted at:

http://www.af4k.com/basementcrystals.htm

73 de AF4K, Bry Carling
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552. Re: FS: New Muffin Fans for cooling GLOWBUG stuff - ALL SOLD.

Yahoo group: heathkitnovicestations
Date: 2010-05-07 15:52:11 UTC
From: Howard Weinstein
Topic: 552 Message: 552

Gang:

All of the BRAND NEW Comair Rotron Muffin Fans are spoken for... Thanks for your patronage !!!

Tnx es 73 de Howie K3HW

553. FS: 100 kHz calibrator crystals

Yahoo group: heathkitnovicestations
Date: 2010-05-14 21:19:40 UTC
From: Bry Carling
Topic: 553 Message: 553

FOR SALE:

New 100 kHz calibrator crystals suitable for all ham equipment.
These are the standard hc13/u configuration - that is to say the
metal can, just like hc6/u only taller. Found throughout all classic
amateur radio equipment products. Sockets also available.

Available for $19.00 each plus shipping.

73 de AF4K, Brian

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554. SB-400 question

Yahoo group: heathkitnovicestations
Date: 2010-05-17 17:52:47 UTC
From: JAMES HANLON
Topic: 554 Message: 554

Y'all,

I know the SB-400 is hardly a 'Novice Station," but I'm still hoping that I may find a few folks in this group who might have some experience with it.

I recently received an SB-400 from a friend who decided he was through with it. I've been working on it to get it into air-worthy shape. I bought it a new set of 6146's, the old ones were quite flat. And I went through all of the Alignment steps in the manual.

On the air, I get acceptable reports on the Lower Sideband signal, but I'm told that the Upper Sideband signal sounds "pinched." When I listen to the two myself, with the mike sitting on top of a transistor radio and the rig loaded into a Cantenna, the USB signal sounds like it lacks lows. I drove the phone patch input from an audio signal generator, and I found several large peaks in the response gong from 300 to 3000 cycles, on both the LSB and the USB of course. I checked the audio input to the balanced modulator and the RF input to the crystal filter, and both of these signals do not show the peaked response. So I'm presuming that the problem resides in the filter. I checked the filter's input and output termination resistors, and they seem to be OK, 2159 ohms on the input and 2119 ohms on the output versus a nominal 2000 ohms.

I checked the frequency of the USB and LSB "carrier" crystal oscillators and also of the CW crystal, and they are all within a few cycles of their nominal frequencies. The difference may well be due to inaccuracy in my counter.

I'm about out of ideas, short of looking for a new crystal filter and trying that out.

Any suggestions?

Thanks and 73,

Jim Hanlon, W8KGI

555. FS: Some handy dandy LF Crystals

Yahoo group: heathkitnovicestations
Date: 2010-05-29 17:25:36 UTC
From: Bry Carling
Topic: 555 Message: 555

FOR SALE:

Two LF crystals - both are new and hc6u size. One standard
hc6u with pins and the other has wires, same size metal case.

ONE OF EACH:

hc6u with pins: - 455.000 kHz
hc33/u with wires - 453.650 kHz

Will sell the pair for $30.00 plus shipping.

73 de AF4K, Bry

http://www.af4k.com/crystals.htm
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556. FS: Millen GDO - excellent

Yahoo group: heathkitnovicestations
Date: 2010-06-09 01:29:14 UTC
From: Bry Carling
Topic: 556 Message: 556

FOR SALE: Grid Dip Oscillator

Millen 90651 Grid Dip Meter (GDO) - pristine.
It looks to be brand new like it has never been used.
Covers 1.700 MHz to 300.0 MHz.
It has all seven (7) of the coils and the original case.

The plastic case has a couple of small cracks in it but is
in good condition.

Available for $75.00 plus shipping.

Pictures available on request.

73 - Brian, AF4K

557. FS: 455 kHz Filter Partial Kit

Yahoo group: heathkitnovicestations
Date: 2010-06-19 21:38:15 UTC
From: Bry Carling
Topic: 557 Message: 557

For Sale: 455 kHz Filter Partial Kit

This is suitable for a 250 Hz bandwidth CW filter. Has 60 dB rejection outside the pass band. Connect right after the last i.f. and before the detector in almost any receiver design.
Two pole filter design using tubes - typically like a 6AK5 and 12AX7. Can also be adapted for use with a modern transistor circuit.

Comes with all instructions, schemtic, complete article and two 455 kHz hc6u crystals.

Two sockets available for an additional $5.00 with this kit.

I currently have eight of these kits left, and they are available for $32.00 each plus shipping.

73 - Bry, AF4K

558. (no subject)

Yahoo group: heathkitnovicestations
Date: 2010-06-26 09:26:15 UTC
From: JAMES HANLON
Topic: 558 Message: 558

http://filpsvyzcfj.ru.gg

559. FS: More groups of ham band crystals - Most are $2 and $3 each

Yahoo group: heathkitnovicestations
Date: 2010-07-03 20:25:41 UTC
From: Bry Carling
Topic: 559 Message: 559

FOR SALE:
I have several more groups of ham band crystals now available.

Most of these are around $2.00 or $3.00 each. Great for experimenting
and day to day operations on 75 through 10m bands.

Some of them are hc6u crystals. Most are the standard FT-243 types.

Example: QTY 7 - FT243 crystals for $14.00

Have a look here:
http://www.af4k.com/basementcrystals.htm

73 - Brian AF4K

560. FS: Sweetening the pot, more capacitors

Yahoo group: heathkitnovicestations
Date: 2010-07-05 13:34:35 UTC
From: Bry Carling
Topic: 560 Message: 560

REDUCED:

Two Sangamo type DCMX computer-grade electrolytic capacitors -
Made in U.S.A. Each is 40,000 uFD and rated at 25V DC.

These are ideal for power supplies and/or use with high-powered
car audio systems running on 13.8V DC power.
These are large, heavy duty capacitors with dimensions 6" X 3" diameter.
Will sell the pair for $15.00 plus $10.00 for USA shipping.

Cornell-Dubilier computer grade capacitor, 9100 uF at 35V DC.
With all mounting hardware. Dimensions: 3-3/4" X 1-3/4" diameter
Made in the USA - available for $2.00.

G.E. Dielectrol non-PCB, oil-filled capacitor 40 uF at 480V DC.
Easily good for 1000V DC.
Dimensions: 5" X 2-1/2" diameter.
Available for $5.00 plus shipping.

Will sell ALL four caps above for $16.00 plus $11.00 for USA shipping.

561. FREE CAPS

Yahoo group: heathkitnovicestations
Date: 2010-07-10 15:55:48 UTC
From: Bry Carling
Topic: 561 Message: 561

OK - nobody wants them but I hate to throw nice things like this away.

FREE:

Two Sangamo type DCMX computer-grade electrolytic capacitors -
Made in U.S.A. Each is 40,000 uFD and rated at 25V DC.

These are ideal for power supplies and/or use with high-powered
car audio systems running on 13.8V DC power.
These are large, heavy duty capacitors with dimensions 6" X 3" diameter.

Cornell-Dubilier computer grade capacitor, 9100 uF at 35V DC.
With all mounting hardware. Dimensions: 3-3/4" X 1-3/4" diameter
Made in the USA

G.E. Dielectrol non-PCB, oil-filled capacitor 40 uF at 480V DC.
Easily good for 1000V DC.
Dimensions: 5" X 2-1/2" diameter.

FREE for postage. Just pay $12.00 for USA shipping.
Next stop will be the dumpster if they are still here on Monday.

Bry, AF4K

562. RE: FREE CAPS

Yahoo group: heathkitnovicestations
Date: 2010-07-10 16:55:37 UTC
From: Bry Carling
Topic: 561 Message: 562

Thanks - the caps have already been taken and paid for.

Regards - Brian, AF4K

http://www.af4k.com/crystals.htm

563. FS: Box of New Precision Power Resistors

Yahoo group: heathkitnovicestations
Date: 2010-07-16 10:11:48 UTC
From: Bry Carling
Topic: 563 Message: 563

FOR SALE: Quantity 37 precision power resistors. All new and unused,
with long radial leads. Gray in color. Great for homebrew and repair projects.

QTY 8: 5 watt power resistors - all rated 1% tolerance.
Consists of seven (7) at 100 kilohms and one at 2500 ohms.

QTY 8: 2 watt power resistors - all rated 1% tolerance.
Consists of
Quantity 7 at 500 kilohms,
Quantity 1 at 9.50 kilohms

QTY 18: 1 watt power resistors - all rated 1% tolerance.
Consists of -
Quantity 1 at 2.0 Megohms,
Quantity 1 at 1.0 Megohms,
Quantity 1 at 250 kilohms,
Quantity 2 at 200 kilohms,
Quantity 4 at 100 kilohms,
Quantity 2 at 51.0 kilohms,
Quantity 2 at 22.0 kilohms,
Quantity 1 at 8.0 kilohms,
Quantity 1 at 5000 ohms,
Quantity 1 at 4560 ohms,
Quantity 3 at 4500 ohms

QTY 3: 1/2 watt power resistors - all rated 1% tolerance.
radial leads.
Quantity at 800 kilohms
Quantity at 100 kilohms
Quantity at 2700 ohms

Will sell all the above for $15.00 plus shipping

73 - Bry, AF4K

564. FS: TAG STRIPS

Yahoo group: heathkitnovicestations
Date: 2010-07-16 10:52:49 UTC
From: Bry Carling
Topic: 564 Message: 564

For Sale - Tag Strips. All are new.

These are the standard baekelite type tag strips with mounting bracket(s) and tags arranged on 3/8" centers. As used for most tube homebrewing etc.

Quantity 50 - 4-way strips - 10 cents each, plus shipping

Quantity 4 of the 5-way strips - $1.00 total plus shipping

Quantity 14 of the classy 5-way turret strips - $1.00 each plus shipping

I will list a few more soon of other sizes.

73 - Bry, AF4K

565. FS: Conar Twins - collector quality

Yahoo group: heathkitnovicestations
Date: 2010-07-21 12:23:39 UTC
From: Bry Carling
Topic: 565 Message: 565

FOR SALE: CONAR Transmitter and Receiver

Extra sharp and collector quality...

Conar 400 Transmitter - 25 watts on 80m, 40m and 15m bands.
Usesa 6DQ6 sweep tube. Crystal controlled, runs on 120V AC.
These were both part of an NRI training course. Looks like new.
Would rate this transmitter a 10 out of 10. It has not been tested.

Conar 500 Receiver. Beautiful front panel. A few marks on the top
but not bad. Runs on 120V AC. Receives AM, SSB and CW. Covers
bands: 80m, 40m and 15m - full coverage. Built-in speaker, and
headphones
output. Controls for volume, variable BFO, antenna trimmer etc.
Front panel is excellent and overall would rate this receiver
9 out of 10. It has not been tested.

These come with copies of the manuals.
Excellent condition. Pictures will be posted soon at:
http://www.af4k.com/radios.htm

Will sell the pair for $250.00 plus shipping

Transmitter Book Online:

http://www.af4k.com/Conar/Conar%20manuals/TX.pdf

Receiver Book Online:

http://www.af4k.com/Conar/Conar%20manuals/conarrxmanual.html

WD0HCO's old Conar web page is here...

http://www.af4k.com/Conar/

566. FS: Panel Meters and Ceramic couplers

Yahoo group: heathkitnovicestations
Date: 2010-07-21 12:46:07 UTC
From: Bry Carling
Topic: 566 Message: 566

FOR SALE:

Two small black Westinghouse panel meters. Excellent.
These are 2-1/4" square with rounded corners. 2" diameter mounting hole.

One each:

0 - 200 mA DC

0 - 150V DC
(FSD 100 uA, with series resistor for 150V DC)

Available for $5.00 each plus shipping

ALSO Group of Ceramic couplers - three ceramic, one bakelite.
For use with 1/4" shafts. made by G.E. and National Excellent condition.
Will sell all four for $10.00 plus shipping.

Regards - Brian, AF4K

567. FS: 7160 kHz crystals for AM etc.

Yahoo group: heathkitnovicestations
Date: 2010-07-25 00:30:39 UTC
From: Bry Carling
Topic: 567 Message: 567

For Sale: 7160 kHz FT-243 crystals for AM

Now available on the popular AM "mid-band calling frequency..."

Also for 40m AM -
7155, 7156, 7159, 7165, 7167, 7170, 7172, 7173, 7174, 7175, 7176, 7177,
7179 kHz
7180, 7185, 7187, 7188, 7190, 7192, 7193, 7195, 7199, 7200, 7203, 7204,
7205 kHz
7206, 7206.7, 7207, 7209, 7211, 7212, 7213, 7214, 7215, 7217, 7220, 7221,
7222 kHz
7224.4, 7225, 7226, 7229, 7232, 7233, 7237, 7238.9, 7240, 7241, 7242,
7243, 7243.5 kHz
7243.7, 7246, 7248, 7249, 7250, 7252.5, 7255, 7256.25, 7258, 7260, 7262,
7273, 7275 kHz
7279, 7280, 7281.5, 7285, 7286, 7287, 7288, 7289, 7290, 7291, 7293, 7295,
7297 kHz etc.

(Some of these will make great multipliers onto 10m AM also...)

Many other FT243 crystals are available at:

http://www.af4k.com/crystals.htm

Available for $14.00 each plus shipping.

73 & thanks for looking,

Brian, AF4K

568. FS: 20m FT243 Crystals

Yahoo group: heathkitnovicestations
Date: 2010-08-02 20:34:16 UTC
From: Bry Carling
Topic: 568 Message: 568

FOR SALE: Fun 20m Ham Band FT243 Crystals...

Quantity available is (1) unless otherwise stated. These are available
for $14.00 each plus shipping.

14.020 MHz
14.042 MHz (QTY 10)
14.058 MHz (QTY 2)
14.060 MHz (QTY 10)
14.089 MHz (QTY 4)
14.094 MHz (QTY 2)
14.151 MHz
14.165 MHz
14.186 MHz
14.213 MHz
14.215 MHz
14.219 MHz
14.229 MHz
14.230 MHz
14.233 MHz
14.235 MHz (QTY 2)
14.247 MHz
14.270 MHz
14.275 MHz
14.278 MHz
14.280 MHz
14.300 MHz
14.312 MHz
14.320 MHz
14.335 MHz
14.340 MHz
14.345 MHz

Pictures and Details at:
http://www.af4k.com/crystals.htm

73 de AF4K, Bry Carling

569. FS: Box of TUBE ERA pilot lamps and some bulbs

Yahoo group: heathkitnovicestations
Date: 2010-08-21 16:19:57 UTC
From: Bry Carling
Topic: 569 Message: 569

FOR SALE: TUBE ERA pilot lamps and some bulbs....

This is a box of about 35 or 40 various bayonet style tube era pilot lights as used in commercial radio transmitters, receivers, test equipment etc. typical lamp holders, some panel mount, some not.

Also a bunch of behind-the-panel type screw in and bayonet fitting lamps, and a few bulbs for them too. These are typical like #44, #51, grain-of-wheat bulbs etc. Red, blue, green and white jeweled lenses etc. includes some plastic standoffs and phenolic terminal strips etc.

Will sell the whole box for $12.00 plus $6.00 for USA shipping.

73 - Brian, AF4K

570. FS: Heathkit manual HD-1416

Yahoo group: heathkitnovicestations
Date: 2010-10-04 14:36:55 UTC
From: Bry Carling
Topic: 570 Message: 570

FOR SALE: Original Heathkit manual HD-1416

FOR THE CODE OSCILLATOR. Model HD-1416

Excellent condition.

Available for $4.00 plus $2.50 USA shipping

Reply off list, please - Brian, AF4K

571. Re: [heathkitnovicestations] FS: Heathkit manual HD-1416

Yahoo group: heathkitnovicestations
Date: 2010-10-06 02:41:24 UTC
From: wa5pok@peoplepc.com
Topic: 570 Message: 571

I have one of those! I'll take it if still there.

73, Mike WA5POK

>
>
> FOR SALE: Original Heathkit manual HD-1416
>
> FOR THE CODE OSCILLATOR. Model HD-1416
>
> Excellent condition.
>
> Available for $4.00 plus $2.50 USA shipping
>
> Reply off list, please - Brian, AF4K
>
>

572. FS: AM & CW ops - Nearly Free, old FT243 crystals

Yahoo group: heathkitnovicestations
Date: 2010-10-08 22:17:55 UTC
From: Bry Carling
Topic: 572 Message: 572

FOR SALE:

Groups of original old FT243 crystals. Great for experiments
needing some reliable WW2-era rocks for those who prefer them.
Hard to beat and hard to find. They just need a home!

GROUP 6 - SIX (6) FT243 crystals - original ones on
7125, 7140, 7206, 7200, 7202, 7243 kHz
Available for just $6.00 total for all six plus shipping.

GROUP 7 - SEVEN (7) FT243 crystals - original ones on
7125, 7140, 7173, 7229, 7242, 7274, 7291 kHz
Available for just $7.00 total for all seven plus shipping.

GROUP 8 - EIGHT (8) FT243 CRYSTALS - original ones on
7125, 7140, 7167, 7205, 7221, 7248, 7291, 7297 kHz
Available for just $8.00 total for all eight plus shipping.

You can order directly on line. Or e-mail me.

Many other ham band FT243 crystals, new and old available.
See:
http://www.af4k.com/basementcrystals.htm
http://www.af4k.com/crystals.htm

73 - Bry, AF4K

573. Nearly Free Ham Band Crystals II

Yahoo group: heathkitnovicestations
Date: 2010-10-11 12:49:48 UTC
From: Bry Carling
Topic: 573 Message: 573

Thank you to everyone who responded about the groups of crystals. They were all sold. I have a few more if anyone is interested, great for homebrewing and experimenting "AM CW delight" - as follows:

(these will only be sold as groups)

GROUP 1 - hc16 crystals on: 7174, 7185, 7200, 7212, 7244 kHz
Available for $5.00 plus shipping

GROUP 2 - hc16 crystals on: 28444, 28444, 28555, 28735, 28785, 28866, 29011, 29444 kHz
Available for $8.00 plus shipping

GROUP 3 - FT243 crystals on 7073, 7100, 7125, 7140, 7175, 7200, 225, 7244, 7275, 7286 kHz
Available for $12.00 plus shipping

GROUP 4 - FT243 Crystals on 7075, 7100, 7106.7, 7125, 7140, 7173, 7175, 7224, 7275 kHz
Available for $12.00 plus shipping

GROUP 5 - FT243 Crystals on 7073, 7125, 7125, 7140, 7151, 7174, 7175, 7200, 7225, 7300 kHz
Available for $12.00 plus shipping

Contact me off the list via e-mail please...

73 - Brian, AF4K

More crystals at:
http://www.af4k.com/crystals.htm

574. FS: Large box of Cinch-Jones Connectors

Yahoo group: heathkitnovicestations
Date: 2010-10-16 19:28:52 UTC
From: Bry Carling
Topic: 574 Message: 574

FOR SALE: Box of Cinch-Jones Connectors

Approximately 90 pieces, everywhere from 2-pins to 15 pins.
Some are cable-end types, others are chassis mount. Many are
in pairs (M-F) - many of these parts are new, several are used, but all
are in great shape, and they come in very handy around the ham shack.

Will sell the entire box for $40.00 plus $12.00 for USA shipping.

73 - Brian, AF4K

575. FS: 6m band FT243 crystals group

Yahoo group: heathkitnovicestations
Date: 2010-10-17 13:46:25 UTC
From: Bry Carling
Topic: 575 Message: 575

FOR SALE: Group of nine 6m band FT243 crystals

8346 kHz = 50.077 MHz
8350 kHz = 50.100 MHz (QTY 2)
8365 kHz = 50.178 MHz
8366.7 kHz = 50.200 MHz
8369 kHz = 50.215 MHz
8371.2 kHz = 50.227 MHz
8383 kHz = 50.300 MHz
8392 kHz = 50.352 MHz

All made by Peterson Radio, Texas Crystals, Carlisle Crystals, PR Crystals, Master Quartz, etc.

Quantity 9 crystals total, all for $18.00 plus $6.00 shipping.

Please contact me off the list.

73 - Brian Carling, AF4K

576. FS: Rotary Switches

Yahoo group: heathkitnovicestations
Date: 2010-10-17 14:37:05 UTC
From: Bry Carling
Topic: 537 Message: 576

FOR SALE: Several New Rotary Switches.

All have standard 1/4 sghaft and mounting hardware.
Phenolic style.

QTY 4 - One Pole - 12 POSITION - $5.00 each

QTY 3 - FOUR Pole - 3 POSITION - $5.00 each

ALSO: NEW rotary switches:
QTY 1 - CERAMIC, 4-pole, 5 position - $7.00
QTY 1 - CERAMIC, 1-pole, 10 position - $6.00
QTY 1 - PHENOLIC, 1-pole, 5 position - $5.00
QTY 1 - PHENOLIC, 1-pole, 3 position - $4.00
QTY 1 - PHENOLIC, 2-pole, 6 position - $4.00
QTY 1 - PLASTIC, 1-pole, 5 position small - $1.00

Will sell this last group of 6 for $20.00 is anyone wants all of them.
Shipping additional.

Please contact me off the list.
73 - AF4K, Brian

577. HELLO TEST!

Yahoo group: heathkitnovicestations
Date: 2010-10-25 01:11:00 UTC
From: k5myj
Topic: 577 Message: 577

No activity here for a long while!

We are expecting a COLD/WET Winter here in the PNW so I think I may get my Heath Novice Station back to operational status.

Bob Macklin
K5MYJ

578. Heathkit Accessories?

Yahoo group: heathkitnovicestations
Date: 2010-10-25 01:40:06 UTC
From: Steven C
Topic: 578 Message: 578

All,

Just a nostalgia question: I'm wondering what accessories hams here built for their Heathkits.

Circa 1960 I built a crystal calibrator for my Heath AR-3 receiver. In retrospect I wish I'd also built an RF preamplifier or preselector for it. Actually, anything that might increase sensitivity and reduce noise reception. Six-meter, two-meter, or any VHF or UHF converters would have been fun. (I enjoy local technical rag chews.)

What did you build for your Heathkit equipment? What Heathkits did you use as accessories for non-Heath equipment?

Thank you and 73,

Steven, KD7YTE
Everett, WA

579. Re: [heathkitnovicestations] Heathkit Accessories?

Yahoo group: heathkitnovicestations
Date: 2010-10-25 02:02:50 UTC
From: N2EY@aol.com
Topic: 578 Message: 579

In a message dated 10/24/2010 9:40:09 P.M. Eastern Daylight Time, steven_coles@... writes:

What did you build for your Heathkit equipment? What Heathkits did you use as accessories for non-Heath equipment?

That's a good one!

Let's see....

I had an AR-2, (first nonhomebrew SW rx) which was the predecessor to the AR-3. I used it by itself for a while, then added a Gonset Super 6 converter in front of it. Helped, but when I discovered the BC-454 Command set it was all over.

Had a DX-20, first non-homebrew tx. Added a VF-1 when I upgraded, and built a power supply and buffer stage for the VF-1 so it wouldn't chirp.

Still have a GD-1B grid dip meter, V-7A VTVM and QF-1 Q multiplier that all work fine.

73 de Jim, N2EY

580. Re: [heathkitnovicestations] Heathkit Accessories?

Yahoo group: heathkitnovicestations
Date: 2010-10-25 02:23:18 UTC
From: Bob Macklin
Topic: 578 Message: 580

In the early days I built 6M and 2M converters. I also built a couple of
RTTY TUs.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "Steven C" <steven_coles@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Sunday, October 24, 2010 6:40 PM
Subject: [heathkitnovicestations] Heathkit Accessories?

> All,
>
> Just a nostalgia question: I'm wondering what accessories hams here built
> for their Heathkits.
>
> Circa 1960 I built a crystal calibrator for my Heath AR-3 receiver. In
> retrospect I wish I'd also built an RF preamplifier or preselector for it.
> Actually, anything that might increase sensitivity and reduce noise
> reception. Six-meter, two-meter, or any VHF or UHF converters would have
> been fun. (I enjoy local technical rag chews.)
>
> What did you build for your Heathkit equipment? What Heathkits did you
> use as accessories for non-Heath equipment?
>
> Thank you and 73,
>
> Steven, KD7YTE
> Everett, WA
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> Yahoo! Groups Links
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581. Re: [heathkitnovicestations] Heathkit Accessories?

Yahoo group: heathkitnovicestations
Date: 2010-10-25 04:43:15 UTC
From: James Barrie
Topic: 578 Message: 581

To my DX-20 I added more crystals and an RME DB23 pre-amp ([3] 6J6's cascaded) to my HR-10. Finally I added the ultimate accessory to my novice station: a Drake TR-4C / RV-4C.

On Oct 24, 2010, at 10:23 PM, Bob Macklin wrote:

> In the early days I built 6M and 2M converters. I also built a
> couple of
> RTTY TUs.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: "Steven C" <steven_coles@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Sunday, October 24, 2010 6:40 PM
> Subject: [heathkitnovicestations] Heathkit Accessories?
>
> > All,
> >
> > Just a nostalgia question: I'm wondering what accessories hams
> here built
> > for their Heathkits.
> >
> > Circa 1960 I built a crystal calibrator for my Heath AR-3
> receiver. In
> > retrospect I wish I'd also built an RF preamplifier or preselector
> for it.
> > Actually, anything that might increase sensitivity and reduce noise
> > reception. Six-meter, two-meter, or any VHF or UHF converters
> would have
> > been fun. (I enjoy local technical rag chews.)
> >
> > What did you build for your Heathkit equipment? What Heathkits did
> you
> > use as accessories for non-Heath equipment?
> >
> > Thank you and 73,
> >
> > Steven, KD7YTE
> > Everett, WA
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582. Re: [heathkitnovicestations] Heathkit Accessories?

Yahoo group: heathkitnovicestations
Date: 2010-10-25 13:58:04 UTC
From: Carl
Topic: 578 Message: 582

Built a DX-100 in 57 and then about 8-9 more for others thru an ad on the Harrison Radio bulletin board. Also several DX-20, 35, 40 and other little pieces for others.
Also built a QF-1 for my HQ-129X which also grew a BC-453.

After I got out of the Navy in 63 and went to work for National Radio I continued assembling kits thru ads at the local ham dealer retail stores. That led to moonlighting at rebuilding and repairing gear which was more profitable and enjoyable and I still do that.

Carl
KM1H

------- Original Message -----
From: "Steven C" <steven_coles@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Sunday, October 24, 2010 6:40 PM
Subject: [heathkitnovicestations] Heathkit Accessories?

> All,
>
> Just a nostalgia question: I'm wondering what accessories hams here built
> for their Heathkits.
>
> Circa 1960 I built a crystal calibrator for my Heath AR-3 receiver. In
> retrospect I wish I'd also built an RF preamplifier or preselector for it.
> Actually, anything that might increase sensitivity and reduce noise
> reception. Six-meter, two-meter, or any VHF or UHF converters would have
> been fun. (I enjoy local technical rag chews.)
>
> What did you build for your Heathkit equipment? What Heathkits did you
> use as accessories for non-Heath equipment?
>
> Thank you and 73,
>
> Steven, KD7YTE
> Everett, WA
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> Yahoo! Groups Links
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583. Hello New Members!

Yahoo group: heathkitnovicestations
Date: 2010-10-25 22:03:52 UTC
From: Bob Macklin
Topic: 583 Message: 583

Hi to all the new members!

I started this list several years ago when there was burst of interest in duplicating our first novice stations.

In 1957 I started the a 6AG7/807 MOPA from an early ARRL handbook. I did a lot with that Tx.

At the time I was a S/SGT in a SAC A&E squadron. But I was a gunsight/radar tech, not a radio tech. Some of the people in our group decided to try for novice tickets.

A M/SGT in the squadron gave me a S-38 that had been rekitted.All the parts were there but I had to reassemble it. It was an original S-38 with the real BFO.

I used that Rx for most of my novice year.Sometime in 58 I also got a BC-342. But the tuning was not good enough to use it on the novice bands in those days.

About 8 years ago I found out about the Heathkit stuff selling on eBay. One of the first things I bought was a DX-60/HG-10/HR10 set. One piece at a time. I actually have 2 HR-10s but one is rekitted.

Last year there was some interest on the Glowbug list about trying to create activity in the 7100-7125 segment of 40M. This is part of the most recent 40M novice segment. Nothing came of it I suppose because of the crappy propagation.

My interest was in using it for us NOVICES to use the way we did many years ago to get our CW up to speed. I'm still interested in doing that.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

584. Unbuilt Heath VTVM!

Yahoo group: heathkitnovicestations
Date: 2010-11-11 16:17:35 UTC
From: Bob Macklin
Topic: 584 Message: 584

Anyone want an UNBUILT Heath VTVM?

http://cgi.ebay.com/Heathkit-Voltmeter-IM-32-1962-/110609450631?pt=LH_DefaultDomain_2&hash=item19c0d64687

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

585. FS: Marker Crystals

Yahoo group: heathkitnovicestations
Date: 2010-11-15 12:14:40 UTC
From: Bry Carling
Topic: 585 Message: 585

For sale: Marker Crystals

100 kHz - $19.00 each
1.000 MHz - $16.00 each
10.000 MHz - $16.00 each

These are full size, hc6u, or wire lead crystals. In the case of the 100kHz crystals, they are new manufacture, top quality "tall hc6/u" crystals known as hc13/u. Some of the others are available with wire leads. Shipping is additional.

73 de AF4K, Bry

http://www.af4k.com/hc6u_crystals.htm

586. FS: TUBE ERA Ham Parts

Yahoo group: heathkitnovicestations
Date: 2010-11-18 12:28:46 UTC
From: Bry Carling
Topic: 586 Message: 586

FOR SALE:

QTY 14 Tube-era transformers.
These are mostly open frame, above-chassis type transformers w/lugs.
One or two potted, includes output transformers, power transformers etc.
Some marked, some pot-luck.
Will sell all 14 for $25.00 plus $11.00 for USA shipping.

JUNK BOXES (!!) - may include caps, power supplies, tubes, resistors, plugs,
adapters, crystals, variable capacitors, fuses, hardware etc. These will fill a
medium sized Priority mail flat rate box to USA for $15.00 plus $13.00 shipping.
Easily worth at least $60.00 by anyone's reckoning.
QTY 2 available for $15.00 plus $12.00 for USA shipping.

Paper capacitors, QTY 30 new, old stock caps with axial leads for
$3.00 plus shipping

Electrolytic capacitors, QTY 30 new, old stock caps with axial and radial
leads for $3.00 plus shipping

New RF Chokes, 2 mH pi-wound types with axial leads - rated 50 mA
Available for $2.00 each

New RF Chokes, 1 mH pi-wound types with axial leads - rated 50 mA
Available for $1.00 each

GROUPS of original ham band, 1945-1960 era FT243 crystals:

GROUP A:
QTY 5 - 3835, 3858, 3910, 3931, 3952 kHz
All for $15.00 plus shipping

GROUP B:
QTY 5 - 3878, 3891, 3940, 3945, 3990 kHz
All for $15.00 plus shipping

GROUP C:
QTY 2 - 3825 kHz
Pair for $10.00 plus shipping

GROUP D:
QTY 2 - 3840 kHz
Pair for $10.00 plus shipping

GROUP E:
QTY 2 - 3897 kHz
Pair for $10.00 plus shipping

GROUP F:
QTY 2 - 3995 kHz
Pair for $10.00 plus shipping

GROUP G:
QTY 2 more - 3995 kHz
Pair for $10.00 plus shipping

NEW IN BOX FT243 Crystals on 1030 kHz - $6.00 each (QTY 8 available)

100 kHz Calibrator Crystals HC13/U (TALL HC6U)
- $19.00 each plus shipping.

Other FT243 crystals: 1430, 1470, 1525, 1585, 1600, 1700, 1790 kHz
1815, 1822, 1825, 1843, 1850, 1856 kHz FT243 crystals - $14.00 each

QTY 1 - FT-243 crystal case, military surplus, type CS-137 with two locking compartments. Holds up to 120 crystals. QTY 1 available for $15.00 plus shipping.

GROUP OF SIX panel mount fuse holders - traditional cartridge fuse sizes. Very standard for homebrewing and repairs. All for $6.00 plus shipping.

QTY 4 Octal tube sockets. These are clean, used sockets.- standard type with ears for chassis mounting. All four for $4.00 plus shipping.

RCA 6197 tubes - QTY 4 available. New in boxes. $2.00 each plus shipping.

RCA 5651 tubes - QTY 2 available. New in boxes. $2.00 each plus shipping.

Sylvania 5963 tubes - QTY 2 available. New in boxes. $3.00 each plus shipping.

Please contact me directly to arrange purchase.
OR you can order directly from my web site at:

http://www.af4k.com/miscpart.htm

More at:
http://www.af4k.com/crystals.htm

73 de AF4K - Bry

587. Activity?

Yahoo group: heathkitnovicestations
Date: 2010-11-23 14:42:33 UTC
From: Bob Macklin
Topic: 205 Message: 587

Is anyone getting any use from their Heath Novice gear?

The bands here in Seattle have been very quiet except during contests.

And I am not a contester!

We have a major CW contest this weekend. I'll be using it to checkout my receivers.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

588. RE: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2010-11-23 14:51:31 UTC
From: Tony W4FOA
Topic: 205 Message: 588

Hi Bob,

I'm still using my Heath AT-1 and DX-60 with my Drake 2B.

Conditions here in the East have been very good, even 12 and 10 are open.

Also run my old trusty Ameco AC-1, WRL Globe Chief and Eico 720 at times.

Using this old stuff is what I call FUN radio.

73

Tony, W4FOA

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bob Macklin
Sent: Tuesday, November 23, 2010 9:43 AM
To: Heath Novice Stations
Subject: [heathkitnovicestations] Activity?

Is anyone getting any use from their Heath Novice gear?

The bands here in Seattle have been very quiet except during contests.

And I am not a contester!

We have a major CW contest this weekend. I'll be using it to checkout my
receivers.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

589. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2010-11-23 15:22:41 UTC
From: Bob Macklin
Topic: 205 Message: 589

I'm glad to hear someone is able to operate this stuff. The only solid state stuff own is VHF FM stuff. And there is very little 2M FM simplex here in the Seattle area.

I am limited to a 40M antenna at the present time.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Tony W4FOA
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, November 23, 2010 6:51 AM
Subject: RE: [heathkitnovicestations] Activity?

Hi Bob,

I'm still using my Heath AT-1 and DX-60 with my Drake 2B.

Conditions here in the East have been very good, even 12 and 10 are open.

Also run my old trusty Ameco AC-1, WRL Globe Chief and Eico 720 at times.

Using this old stuff is what I call FUN radio.

73

Tony, W4FOA

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bob Macklin
Sent: Tuesday, November 23, 2010 9:43 AM
To: Heath Novice Stations
Subject: [heathkitnovicestations] Activity?

Is anyone getting any use from their Heath Novice gear?

The bands here in Seattle have been very quiet except during contests.

And I am not a contester!

We have a major CW contest this weekend. I'll be using it to checkout my receivers.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

590. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2010-11-23 15:30:28 UTC
From: Carl
Topic: 205 Message: 590

----- Original Message -----
From: Bob Macklin
To: Heath Novice Stations
Sent: Tuesday, November 23, 2010 9:42 AM
Subject: [heathkitnovicestations] Activity?

Is anyone getting any use from their Heath Novice gear?

The bands here in Seattle have been very quiet except during contests.

And I am not a contester!

We have a major CW contest this weekend. I'll be using it to checkout my receivers.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

I dragged out the DX-60/HG-10 on Saturday to have a little fun with a LK-800C I just repaired for a customer. Had a ball on 80M AM and even worked several Europeans. That amp can run some serious smoke as an AM linear!

The only other low power Heath I have is a DX-35 which has sat on a high shelf for about 30 years.

Carl
KM1H

591. RE: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2010-11-23 15:58:39 UTC
From: Tony W4FOA
Topic: 205 Message: 591

Bob,

I often work the West coast with my old radio gear. Maybe one morning or evening we can try a sked on 40?

It would be fun. I have a rotary 40 meter dipole at 75 feet which seems to work incredibly well.

73

Tony, W4FOA

From: heathkitnovicestations@yahoogroups.com [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bob Macklin
Sent: Tuesday, November 23, 2010 10:23 AM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Activity?

I'm glad to hear someone is able to operate this stuff. The only solid state stuff own is VHF FM stuff. And there is very little 2M FM simplex here in the Seattle area.

I am limited to a 40M antenna at the present time.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----

From: Tony W4FOA <mailto:w4foa@...>

To: heathkitnovicestations@yahoogroups.com

Sent: Tuesday, November 23, 2010 6:51 AM

Subject: RE: [heathkitnovicestations] Activity?

Hi Bob,

I'm still using my Heath AT-1 and DX-60 with my Drake 2B.

Conditions here in the East have been very good, even 12 and 10 are open.

Also run my old trusty Ameco AC-1, WRL Globe Chief and Eico 720 at times.

Using this old stuff is what I call FUN radio.

73

Tony, W4FOA

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bob Macklin
Sent: Tuesday, November 23, 2010 9:43 AM
To: Heath Novice Stations
Subject: [heathkitnovicestations] Activity?

Is anyone getting any use from their Heath Novice gear?

The bands here in Seattle have been very quiet except during contests.

And I am not a contester!

We have a major CW contest this weekend. I'll be using it to checkout my receivers.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

592. dx60b

Yahoo group: heathkitnovicestations
Date: 2010-11-24 04:40:07 UTC
From: ronnieboy1947
Topic: 592 Message: 592

hope to hook up sometime on 7123, that is my best xtal and im usually on sat and sundays. when im home i guard 7123. ron ne0x

593. Re: [heathkitnovicestations] dx60b

Yahoo group: heathkitnovicestations
Date: 2010-11-24 04:59:49 UTC
From: Bob Macklin
Topic: 592 Message: 593

The thing to do is set up a sked here and know what frequencies the other people my have to work.

I have 2 crystals between 7100 and 7125. I think 7123 is one of them. I'll probably get the DX-60 on the bench over the weekend.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: "ronnieboy1947" <ronnieboy1947@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Tuesday, November 23, 2010 8:40 PM
Subject: [heathkitnovicestations] dx60b

> hope to hook up sometime on 7123, that is my best xtal and im usually on
> sat and sundays. when im home i guard 7123. ron ne0x
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> Yahoo! Groups Links
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594. dx60b

Yahoo group: heathkitnovicestations
Date: 2010-11-24 10:43:49 UTC
From: ron story
Topic: 592 Message: 594

i got mine and had to recap it, after that just sprayed the band switches and it took right off, hopr to have vfo soon, but for now 7123 and 7025 are only xtals worth anything. ron ne0x

595. Re: [heathkitnovicestations] dx60b

Yahoo group: heathkitnovicestations
Date: 2010-11-24 14:14:17 UTC
From: Bob Macklin
Topic: 592 Message: 595

My thought was to use 7100 to 7125 for SLOW CODE! That was part of the previous novice segment. Use it for that. I have not worked CW since the 60's and I need to get back up to speed.

I am trying to get my DX-60/HR-10 station back in operation by the 1st of the year.

I'm doing a couple of mods to the DX-60 and fixing the antenna wiring.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: ron story
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 24, 2010 2:43 AM
Subject: [heathkitnovicestations] dx60b

i got mine and had to recap it, after that just sprayed the band switches and it took right off, hopr to have vfo soon, but for now 7123 and 7025 are only xtals worth anything. ron ne0x

596. Re: [heathkitnovicestations] dx60b

Yahoo group: heathkitnovicestations
Date: 2010-11-24 14:48:05 UTC
From: Bry Carling
Topic: 592 Message: 596

A lot of guys are using 7123 and 7125 because crystals are still very much available! (from me...)

73 - Brian, AF4K

On 23 Nov 2010 at 20:59, Bob Macklin wrote:

> The thing to do is set up a sked here and know what frequencies the
> other
> people my have to work.
>
> I have 2 crystals between 7100 and 7125. I think 7123 is one of
> them. I'll
> probably get the DX-60 on the bench over the weekend.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> From: "ronnieboy1947" <ronnieboy1947@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Tuesday, November 23, 2010 8:40 PM
> Subject: [heathkitnovicestations] dx60b
>
>
> > hope to hook up sometime on 7123, that is my best xtal and im
> usually on
> > sat and sundays. when im home i guard 7123. ron ne0x
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597. Re: [heathkitnovicestations] dx60b

Yahoo group: heathkitnovicestations
Date: 2010-11-24 16:05:20 UTC
From: Bob Macklin
Topic: 592 Message: 597

That's where I got mine!

I buy most of my crystals from Bry!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 24, 2010 6:48 AM
Subject: Re: [heathkitnovicestations] dx60b

A lot of guys are using 7123 and 7125 because crystals are still very much available! (from me...)

73 - Brian, AF4K

On 23 Nov 2010 at 20:59, Bob Macklin wrote:

> The thing to do is set up a sked here and know what frequencies the
> other
> people my have to work.
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> I have 2 crystals between 7100 and 7125. I think 7123 is one of
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> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
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> From: "ronnieboy1947" <ronnieboy1947@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Tuesday, November 23, 2010 8:40 PM
> Subject: [heathkitnovicestations] dx60b
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598. REDUCED: Tube experimenter power supply

Yahoo group: heathkitnovicestations
Date: 2010-11-26 13:52:23 UTC
From: Bry Carling
Topic: 598 Message: 598

FOR SALE: Small tube-era power supply

120V AC input

Output Nr. 1 = 180V DC at 100 mA
Output Nr. 2 = 6.3V AC at 3A

Dimensions: 8" X 5" X 2.5" chassis
Overall height is 6"

UTC Special Series S-55 power transformer, and
a choke-input filter.

Has fuse, switch and pilot lamp on the control panel, and
short AC cord with 2-pin plug.

Available for $24.00 plus $12.00 USA shipping.

73 de AF4K, Bry

599. Re: dx60b and improving code speed this weekend!

Yahoo group: heathkitnovicestations
Date: 2010-11-26 18:15:32 UTC
From: w8nf
Topic: 592 Message: 599

Time and again, it has been shown to me, through experience, that one is only improving when suffering some form of discomfort. I learn to play piano better by playing tunes I've never played, and by trying to keep up with a metronome faster than my usual. When leaning, my mistake level is higher.

In CW, I found it the same. As a novice, I got home from school every afternoon and got on 40 meters (7100 - 7150 then) and made QSOs. It was comfortable and fun, and I had lots of QSOs at 8-10 wpm. Even made contact with the same guys repeatedly and had a couple of chess games going. I would pull out my code practice record from time to time, but in fact, it was more fun to make QSOs so that's what I did.

Then came Field Day 1974 and my pal encouraged me to go. The club callsign was W8VY, and we used my buddy's callsign, WN8ONW, for the novice station. Wow. Even in the novice bands, most hams were using keyers and running much faster. I could hardly copy any of it on first hearing, but figured out a technique. I would listen to an FD novice station making Q after Q. I'd write down his exchange (class and section) and only after doing that, would I brave it and call the station. I never send CQ. This contesting technique, I would learn much later, is called "Search and Pounce" or "S&P". Code speeds were MUCH higher than my after-school QSOs, and my pal brought a keyer and paddle, so I learned by fire that weekend.

After that FD, my code speed was 15...almost double what it had been going into the weekend. I was very uncomfortable the first half of FD, but grew into it over the weekend. Within a few weeks, my pal and I took and passed the 13wpm test and became advanced class licensees. It was a frustrating six months - the FCC lost paperwork so there were a lot of delays in getting the actual licenses.

So, while I love the sound of slow speed code in the old novice bands, don't be fooled into thinking that's the way to improve your code speed. You have to get uncomfortable, "outside the comfort zone" as is said.

And this is a great time to mention - there's a CW contest this weekend! Starts today at 0000Z. Code speeds START at 20 wpm typically. Tune around, listen, find a station that's beyond your ability to copy in one take. Tune your ear into the rhythm, find those repeated parts.

This one's a DX contest, so if you do participate, you'll have more DXCC entities by the end of the weekend, too.

This particular 'test is considered the big one for CW ops...number of entrants rises every year, demonstrating that CW is far from dead.

The contest exchange for this one is RST, CQ ZONE. Yes, I know, contest exchange RSTs are silly. They'll all be 5NN. Get over it...you can stand on someone else's principles or improve your code speed, your choice. In the US, your zone is 3, 4 or 5, and you can readily find a CQ Zone map on the web.

Example. You hear a station calling and working stations.

"QRZ JA1BHQ"
(jumble of pileup)
"N6TR 5NN 25"
(weakly you hear "TU 5NN 3"
"TU QRZ JA1BHQ"
(jumble of pileup)
"W1AW 5NN 25"
(this time you hear the US station strongly "TU 5NN 5"

Get the idea? You'll hear the DX station sending the same exchange over and over. TU means "thank you" and some omit it. If a DX station is running a lot of stations quickly, they'll sometimes omit their own callsign except every 5-10 minutes...that's a topic, as you might imagine, of heated debate. If you find it disturbing, then just turn the dial.

This is a GREAT opportunity to improve your code speed. If you hang in there for a few hours, you'll be amazed at how much faster you are after the 'test than before. That is, after all, the main purpose of a contest - to improve, and TEST, your operating skills. That's what the second syllable in contest means - "test".

I'm not a big gun contester, but I enjoy challenging myself to improve what I did every year. My antenna's in a bit of disarray this year, so the station's not capable of much, but I'll still play. My best so far in this contest has been working 100 DXCC entities in 10 hours of operating time. I have no idea what my score was...I don't go for points.

73 ES GL

Dave W8NF

--- In heathkitnovicestations@yahoogroups.com, Bob Macklin <macklinbob@...> wrote:
>
> My thought was to use 7100 to 7125 for SLOW CODE! That was part of the previous novice segment. Use it for that. I have not worked CW since the 60's and I need to get back up to speed.
>
> I am trying to get my DX-60/HR-10 station back in operation by the 1st of the year.
>
> I'm doing a couple of mods to the DX-60 and fixing the antenna wiring.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: ron story
> To: heathkitnovicestations@yahoogroups.com
> Sent: Wednesday, November 24, 2010 2:43 AM
> Subject: [heathkitnovicestations] dx60b
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>
> i got mine and had to recap it, after that just sprayed the band switches and it took right off, hopr to have vfo soon, but for now 7123 and 7025 are only xtals worth anything.
ron ne0x
>

600. FS: 14 MHz crystals

Yahoo group: heathkitnovicestations
Date: 2010-11-27 21:12:01 UTC
From: Bry Carling
Topic: 600 Message: 600

FOR SALE: Fun 20m Ham Band FT243 Crystals...
These are available for $14.00 each plus shipping.

14.042 MHz
14.058 MHz
14.060 MHz
14.089 MHz
14.151 MHz
14.165 MHz
14.186 MHz
14.213 MHz
14.215 MHz
14.219 MHz
14.229 MHz
14.230 MHz
14.233 MHz
14.235 MHz
14.247 MHz
14.270 MHz
14.275 MHz
14.278 MHz
14.280 MHz
14.300 MHz
14.312 MHz
14.320 MHz
14.335 MHz
14.340 MHz
14.345 MHz

Pictures and Details at:
http://www.af4k.com/crystals.htm

73 de AF4K, Bry Carling

601. FS: Heathkit 40m MARS crystal (NEW)

Yahoo group: heathkitnovicestations
Date: 2010-11-28 16:17:51 UTC
From: Bry Carling
Topic: 601 Message: 601

FOR SALE: New in Box - Heathkit 40m crystal
for HW-101/2 or SB-101/2 series radios,

Crystal and box are marked.
15.795 MHz = Part Number 404-208

The manual calls for 15.895 so this appears to be a crystal that will
extend your range 100 kHz above 7300 kHz in order to work MARS nets.

QTY 1 available for $16.00 plus shipping.

73 / QTHR de AF4K

Bry

602. Re: [heathkitnovicestations] FS: Heathkit 40m MARS crystal (NEW)

Yahoo group: heathkitnovicestations
Date: 2010-11-30 04:09:12 UTC
From: N2EY@aol.com
Topic: 601 Message: 602

In a message dated 11/28/2010 11:17:56 A.M. Eastern Standard Time,
bcarling@... writes:

FOR SALE: New in Box - Heathkit 40m crystal
for HW-101/2 or SB-101/2 series radios,

Crystal and box are marked.
15.795 MHz = Part Number 404-208

The manual calls for 15.895 so this appears to be a crystal that will
extend your range 100 kHz above 7300 kHz in order to work MARS nets.

The stock 15.895 MHz xtal gives a tuning range of 7000 to 7500 kHz. Using a
15.795 MHz xtal will move the tuning range down 100 kHz, making it 6900 to
7400 kHz.

Might need to touch up the 40 meter HET OSC coil but no other changes
should be needed.

73 de Jim, N2EY

603. RE: [heathkitnovicestations] FS: Heathkit 40m MARS crystal (NEW)

Yahoo group: heathkitnovicestations
Date: 2010-11-30 14:23:45 UTC
From: Bry Carling
Topic: 601 Message: 603

Thanks Jim. I was hoping smeone coulkd shed some light on this. For a while I thought perhaps it was for some other model of Heath equipment.

Since it is not the typical crystal, if anyone would enjoy it, I will let it go for $5.00

73,
Bry, AF4K

-----Original Message-----
From: N2EY@...
Sent: Monday, November 29, 2010 10:09 PM
To: heathkitnovicestations@yahoogroups.com; heathkit@...;
Heathkit-Radios-Moderated@yahoogroups.com
Subject: Re: [heathkitnovicestations] FS: Heathkit 40m MARS crystal (NEW)

In a message dated 11/28/2010 11:17:56 A.M. Eastern Standard Time, bcarling@... writes:
FOR SALE: New in Box - Heathkit 40m crystal
for HW-101/2 or SB-101/2 series radios,

Crystal and box are marked.
15.795 MHz = Part Number 404-208

The manual calls for 15.895 so this appears to be a crystal that will
extend your range 100 kHz above 7300 kHz in order to work MARS nets.
The stock 15.895 MHz xtal gives a tuning range of 7000 to 7500 kHz. Using a 15.795 MHz xtal will move the tuning range down 100 kHz, making it 6900 to 7400 kHz.

Might need to touch up the 40 meter HET OSC coil but no other changes should be needed.

73 de Jim, N2EY

604. FS: Tube pin straighteners and adapters

Yahoo group: heathkitnovicestations
Date: 2010-12-10 22:08:42 UTC
From: Bry Carling
Topic: 604 Message: 604

FOR SALE: Tube pin straighteners and adapters

QTY 2 Tube pin straighteners used for 7 pin miniature tubes.
$5.00 each

QTY 1 - Pomona Test Socket Adapter 9-PIN miniature. Has side terminals.
Bakelite approx. 1 inch tall. - $6.00

QTY 1 - Pomona Test Socket Adapter 7-PIN miniature. Has side terminals.
Red plastic approx. 1.5 inch tall. - $6.00

QTY 1 - CBS Hytron Test Socket Adapter 7-PIN miniature. Has side
terminals. Black plastic approx. 1 inch tall. - $6.00

QTY 1 - Pomona Socket Saver 9-PIN miniature.
black plastic approx. 1 inch tall. - $4.00

Shipping additional.

73 de AF4K - Brian

605. FS: Some more radio parts

Yahoo group: heathkitnovicestations
Date: 2010-12-14 14:37:03 UTC
From: Bry Carling
Topic: 605 Message: 605

FOR SALE:

1) BOX of 10 Ceramic Variable Capacitors. Various values from 30 pF and up. Some transmitting, some receiving. All ten for $20.00 plus shipping.

2) 100 kHz crystals - new, tall type hc13u calibrator crystal as used in all tube era radios. FIts the same soicket as an hc6u crystal. Available for $19.00 each plus shipping.

3) Lacing cord for wiring harnesses. New, 300 yard spool available for $12.50 plus shipping.

4) Pair of 2E26 transmitting tubes. Used, good tested tube pair for $5.00 plus shipping.

5) EIMAC 4-65A transmitting tube with ceramic socket in excellent condition. QTY 1 available for $8.00 plus shipping.

6) RCA 832 mil-spec transmitting tube - looks new.
QTY 1 available for $5.00 plus shipping.

7) G.E. 6997 VHF transmitting tube, used. Looks OK.
QTY 1 available for $2.00 plus shipping.

8) Drake Crystal for R4A, R4B or R4C, covers 10.0 - 10.5 MHz
QTY 1 available for $12.00

9) Group of hc6u crystals on 7000 kHz, 7100 kHz, 7159 kHz, 7170 kHz, and QTY 2 X 7174 kHz. TOTAL of six mil surplus crystals for $12.00 plus shipping.

10) Pair of FT243 crystals on 3880 kHz. One for you and one for a friend! These are available for $10.00 each plus shipping.

11) Broadcast band FT243 crystals. 1200 kHz, 1300 kHz, 1475 kHz, 1600 kHz, 1585 kHz. Available for $14.00 each plus shipping.

73 and thanks for looking.

Brian, AF4K

606. REDUCED: 20m Crystals

Yahoo group: heathkitnovicestations
Date: 2010-12-14 15:09:07 UTC
From: Bry Carling
Topic: 606 Message: 606

FOR SALE: Fun 20m Ham Band FT243 Crystals...
These were $14.00 each -
Now most available for $3.00 each plus shipping (unless noted)

14.042 MHz ($14)
14.058 MHz ($14)
14.060 MHz ($14)
14.089 MHz
14.151 MHz
14.165 MHz
14.186 MHz
14.213 MHz
14.215 MHz
14.219 MHz
14.229 MHz
14.230 MHz
14.233 MHz
14.235 MHz
14.247 MHz
14.270 MHz
14.275 MHz
14.278 MHz
14.280 MHz
14.300 MHz
14.312 MHz
14.320 MHz
14.335 MHz
14.340 MHz
14.345 MHz

Pictures and Details at:
http://www.af4k.com/crystals.htm

73 de AF4K, Bry Carling

607. Seeking a DX-40 transmitter

Yahoo group: heathkitnovicestations
Date: 2010-12-15 22:03:22 UTC
From: w8nf
Topic: 607 Message: 607

I've looked through various postings on the web, and have decided that the "novice era" transmitter I want is the DX-40. This will be used in combo with my Drake 2C and Heathkit VF-1.

Reasoning:
The Heathkit AT-1 ran 35W input to a 6L6. That will lead to a very rapid depletion of the cathode surface on the 6L6, and you can't just buy a new 6L6 at the drug store any more.

The DX-20 ran 50W input to a 6DQ6A. The 6DQ6A, being a sweep tube, did have a beefier cathode, so this might last longer than the AT-1's situation, but sweep tubes with guaranteed performance are nearly unobtainium.

The DX-35 looked interesting - 65W input to a real transmitting tube, the 6146. You can get 6146Bs still today and at 65W input they should last a while. However...all the enthusiast pages I have found for the DX-35 indicate that the power transformers were pretty wimpy and burned out a lot. There are many DX-35s for sale with blown transformers.

The DX-40 seems to be a DX-35 with the transformer upgraded to being beefy enough to be durable.

The DX-60 is a step above the DX-40, running 90W to the a single 6146. They're popular and reliable, but have a more modern appearance, not quite the "vintage" I want. And, sadly, many of them seem to have been butchered in the name of "upgrade modifications".

So...am I missing anything in this listing? Are there any other CW-focused Heathkit transmitters that I ought to consider? An old simple boatanchor is the goal, not some big heavy thing like a DX-100.

Thanks and keep them glowing,

Dave W8NF

608. Re: [heathkitnovicestations] Seeking a DX-40 transmitter

Yahoo group: heathkitnovicestations
Date: 2010-12-15 22:36:10 UTC
From: James Barrie
Topic: 607 Message: 608

you want a 6146 or a 6146A, but N O T a 6146B. The B is entirely
different and you won't be able to neutralize the B in the DX-40.
Jim
WA8SDF

On Dec 15, 2010, at 5:03 PM, w8nf wrote:

> I've looked through various postings on the web, and have decided
> that the "novice era" transmitter I want is the DX-40. This will be
> used in combo with my Drake 2C and Heathkit VF-1.
>
> Reasoning:
> The Heathkit AT-1 ran 35W input to a 6L6. That will lead to a very
> rapid depletion of the cathode surface on the 6L6, and you can't
> just buy a new 6L6 at the drug store any more.
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> AT-1's situation, but sweep tubes with guaranteed performance are
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> tube, the 6146. You can get 6146Bs still today and at 65W input they
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> for the DX-35 indicate that the power transformers were pretty wimpy
> and burned out a lot. There are many DX-35s for sale with blown
> transformers.
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> The DX-40 seems to be a DX-35 with the transformer upgraded to being
> beefy enough to be durable.
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> The DX-60 is a step above the DX-40, running 90W to the a single
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> seem to have been butchered in the name of "upgrade modifications".
>
> So...am I missing anything in this listing? Are there any other CW-
> focused Heathkit transmitters that I ought to consider? An old
> simple boatanchor is the goal, not some big heavy thing like a DX-100.
>
> Thanks and keep them glowing,
>
> Dave W8NF
>
>

>

609. Re: [heathkitnovicestations] Seeking a DX-40 transmitter

Yahoo group: heathkitnovicestations
Date: 2010-12-16 00:04:49 UTC
From: Bob Macklin
Topic: 607 Message: 609

The DX-40 has a better meter than the earlier units!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "w8nf" <w8nf@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, December 15, 2010 2:03 PM
Subject: [heathkitnovicestations] Seeking a DX-40 transmitter

> I've looked through various postings on the web, and have decided that the
> "novice era" transmitter I want is the DX-40. This will be used in combo
> with my Drake 2C and Heathkit VF-1.
>
> Reasoning:
> The Heathkit AT-1 ran 35W input to a 6L6. That will lead to a very rapid
> depletion of the cathode surface on the 6L6, and you can't just buy a new
> 6L6 at the drug store any more.
>
> The DX-20 ran 50W input to a 6DQ6A. The 6DQ6A, being a sweep tube, did
> have a beefier cathode, so this might last longer than the AT-1's
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> 6146. You can get 6146Bs still today and at 65W input they should last a
> while. However...all the enthusiast pages I have found for the DX-35
> indicate that the power transformers were pretty wimpy and burned out a
> lot. There are many DX-35s for sale with blown transformers.
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> The DX-40 seems to be a DX-35 with the transformer upgraded to being beefy
> enough to be durable.
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> The DX-60 is a step above the DX-40, running 90W to the a single 6146.
> They're popular and reliable, but have a more modern appearance, not quite
> the "vintage" I want. And, sadly, many of them seem to have been
> butchered in the name of "upgrade modifications".
>
> So...am I missing anything in this listing? Are there any other
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> boatanchor is the goal, not some big heavy thing like a DX-100.
>
> Thanks and keep them glowing,

>
> Dave W8NF
>
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> Yahoo! Groups Links
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610. Re: [heathkitnovicestations] Seeking a DX-40 transmitter

Yahoo group: heathkitnovicestations
Date: 2010-12-16 01:34:44 UTC
From: Dr. Don
Topic: 607 Message: 610

I built one of the first DX-35 models and really had a ball working DX and US. Ten was hot back then and 15 meters.
I built several DX 40s and they were definitely better than the DX35.
I really liked the DX60B, built 6, 2 for myself and sold all with upgrade to HW 101 and SB 101 and 102s. Later got 2 others to rebuild.
You would really have a good station with the DX40 , VF-1 combo. I recommend building a separate regulated power supply, including the filaments, for the VF-1.
Fun on CW and AM.
Don W4BWS
----- Original Message -----
From: w8nf
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, December 15, 2010 5:03 PM
Subject: [heathkitnovicestations] Seeking a DX-40 transmitter

I've looked through various postings on the web, and have decided that the "novice era" transmitter I want is the DX-40. This will be used in combo with my Drake 2C and Heathkit VF-1.

Reasoning:
The Heathkit AT-1 ran 35W input to a 6L6. That will lead to a very rapid depletion of the cathode surface on the 6L6, and you can't just buy a new 6L6 at the drug store any more.

The DX-20 ran 50W input to a 6DQ6A. The 6DQ6A, being a sweep tube, did have a beefier cathode, so this might last longer than the AT-1's situation, but sweep tubes with guaranteed performance are nearly unobtainium.

The DX-35 looked interesting - 65W input to a real transmitting tube, the 6146. You can get 6146Bs still today and at 65W input they should last a while. However...all the enthusiast pages I have found for the DX-35 indicate that the power transformers were pretty wimpy and burned out a lot. There are many DX-35s for sale with blown transformers.

The DX-40 seems to be a DX-35 with the transformer upgraded to being beefy enough to be durable.

The DX-60 is a step above the DX-40, running 90W to the a single 6146. They're popular and reliable, but have a more modern appearance, not quite the "vintage" I want. And, sadly, many of them seem to have been butchered in the name of "upgrade modifications".

So...am I missing anything in this listing? Are there any other CW-focused Heathkit transmitters that I ought to consider? An old simple boatanchor is the goal, not some big heavy thing like a DX-100.

Thanks and keep them glowing,

Dave W8NF

611. Re: [heathkitnovicestations] Seeking a DX-40 transmitter

Yahoo group: heathkitnovicestations
Date: 2010-12-16 11:58:20 UTC
From: N2EY@aol.com
Topic: 607 Message: 611

In a message dated 12/15/2010 5:03:37 P.M. Eastern Standard Time,
w8nf@... writes:

Reasoning:
The Heathkit AT-1 ran 35W input to a 6L6. That will lead to a very rapid
depletion of the cathode surface on the 6L6, and you can't just buy a new
6L6 at the drug store any more.

Why would running 35 watts to a 6L6 deplete the cathode surface? Looking
at the tube books, it seems to me that 35 watts Class C CW service is no
harder on the tube than Class A audio service.

There are plenty of other reasons not to go for the AT-1, however.

The DX-20 ran 50W input to a 6DQ6A. The 6DQ6A, being a sweep tube, did
have a beefier cathode, so this might last longer than the AT-1's situation,
but sweep tubes with guaranteed performance are nearly unobtainium.

Not in my experience. 6DQ6s are still fairly common, and the audio folks
haven't really discovered them. The DX-20 and the later HX-11 are good
performers.

The DX-35 looked interesting - 65W input to a real transmitting tube, the
6146. You can get 6146Bs still today and at 65W input they should last a
while. However...all the enthusiast pages I have found for the DX-35 indicate
that the power transformers were pretty wimpy and burned out a lot. There
are many DX-35s for sale with blown transformers.
DX-40s too.

The DX-40 seems to be a DX-35 with the transformer upgraded to being beefy
enough to be durable.

Both the DX-40 and DX-35 used an unusual power-supply arrangement. There is
only one B+ voltage (about 700 volts) and the driver stages are in series
for DC. This was done to lower the power supply cost.

From what I have read, both the DX-40 and DX-35 are weak in the power
transformer department. Blown transformers are common, and replacements aren't,
because the transformer has unusual windings.

The usual trick is to convert a DX-35 or DX-40 to a conventional "economy"
power supply. The low-level stages are run off the low B+ and the final off
the high B+. This requires a bit of a design and rewiring effort, and most
folks use solid-state rectifiers and capacitor-only filters, with an old
TV power transformer.

The mod solves the weak-power-transformer problem but the rig is no longer
original, if that bothers you.

The DX-60 is a step above the DX-40, running 90W to the a single 6146. They're popular and reliable, but have a more modern appearance, not quite the "vintage" I want. And, sadly, many of them seem to have been butchered in the name of "upgrade modifications".

There are still plenty of unmodified DX-60s. Their weak spot is the mode switch. That's one reason you see modded ones.

The DX-35, DX-40 and DX-60 all have controlled-carrier screen modulation for AM. Is that important to you? If not, you're buying unnecessary complexity.

So...am I missing anything in this listing? Are there any other CW-focused Heathkit transmitters that I ought to consider? An old simple boatanchor is the goal, not some big heavy thing like a DX-100.

Is there a reason the transmitter has to be a Heathkit?

If you want a rugged, simple, CW-centric vintage rig, I suggest the Johnson Adventurer. Here's why:

1) It's a simple MOPA with no trick circuits or odd parts. Three common tubes, straightforward circuit.
2) Final is an 807, a real transmitting tube that is loafing at 50 watts input.
3) Pi-net output that matches almost anything.
4) Mid-1950s vintage, small and light.
5) Manual is available on BAMA

The Adventurer was less popular in its time only because of its relatively high price ($54.95, compared to the DX-20's $35.95).

73 de Jim, N2EY

612. Re: [heathkitnovicestations] Seeking a DX-40 transmitter

Yahoo group: heathkitnovicestations
Date: 2010-12-16 13:40:05 UTC
From: Carl
Topic: 607 Message: 612

----- Original Message -----
From: N2EY@...
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, December 16, 2010 6:58 AM
Subject: Re: [heathkitnovicestations] Seeking a DX-40 transmitter

In a message dated 12/15/2010 5:03:37 P.M. Eastern Standard Time,
w8nf@... writes:
Reasoning:
The Heathkit AT-1 ran 35W input to a 6L6. That will lead to a very rapid
depletion of the cathode surface on the 6L6, and you can't just buy a new
6L6 at the drug store any more.
Why would running 35 watts to a 6L6 deplete the cathode surface? Looking at
the tube books, it seems to me that 35 watts Class C CW service is no harder
on the tube than Class A audio service.

There are plenty of other reasons not to go for the AT-1, however.

** The 6L6 is a poor RF performer above 40M and efficiency was generally
poor for the 15M Novice of the 50's. A 1614 will work a little better as
will a 6AG7Y. Note I said a little better, not a lot.

The DX-20 ran 50W input to a 6DQ6A. The 6DQ6A, being a sweep tube, did have
a beefier cathode, so this might last longer than the AT-1's situation, but
sweep tubes with guaranteed performance are nearly unobtainium.

Not in my experience. 6DQ6s are still fairly common, and the audio folks
haven't really discovered them. The DX-20 and the later HX-11 are good
performers.

** The 6DQ6 construction makes it a good choice for high band RF over a 6L6.
They also make good modulators.

Carl
KM1H

613. Re: [heathkitnovicestations] Seeking a DX-40 transmitter

Yahoo group: heathkitnovicestations
Date: 2010-12-16 17:40:51 UTC
From: N2EY@aol.com
Topic: 607 Message: 613

-----Original Message-----
From: Carl <km1h@...>
To: heathkitnovicestations <heathkitnovicestations@yahoogroups.com>
Sent: Thu, Dec 16, 2010 8:40 am
Subject: Re: [heathkitnovicestations] Seeking a DX-40 transmitter

** The 6L6 is a poor RF performer above 40M and efficiency was generally
poor for the 15M Novice of the 50's. A 1614 will work a little better as
will a 6AG7Y. Note I said a little better, not a lot.

** The 6DQ6 construction makes it a good choice for high band RF over a 6L6.
They also make good modulators.

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All true - and there's more:
- The AT-1 operates the 6L6 as a doubler on all bands except 80.(This was done to avoid
neutralization). The result is very low efficiency. A typical AT-1 output on 40 and higher
is less than 10 watts.

- The AT-1 has fixed-link output. (It was really meant to be used with the companion AC-1
antenna coupler). There is no way to vary the loading or match different antennas.
- The AT-1 doesn't have a 15 meter bandswitch position.
There was an article in QST about 1956 which fixed most of these problems and greatly
increased the output and flexibility of the AT-1. Among other things, the 6L6 was replaced
by a 6BQ6 (!). Problem is, you wind up with a highly modified rig that's still not on a par
with, say, a DX-20 or Adventurer.
AT-1 was Heath's first ham tx, and they learned a lot from it.

73 de Jim, N2EY

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614. FS: Heathkit Crystal

Yahoo group: heathkitnovicestations
Date: 2011-01-03 12:46:32 UTC
From: Bry Carling
Topic: 614 Message: 614

FOR SALE: Heathkit SB-line / HW-line Crystal

This is a new, unused, original heathkit part intended for extended range on 40m for MARS use.

Comes in the Heath box, and is marked "HEATH" in bold letters on the crystal.

This is a special 40 m crystal that covers 6.900 - 7.200 MHz
Crystal Frequency is 15.7950 MHz

Price reduced to $4.00 plus shipping.

Please contact me off the list to arrange purchase.

73 - Bry, AF4K

615. FS: AIr Variable Capacitors Group

Yahoo group: heathkitnovicestations
Date: 2011-01-07 19:02:07 UTC
From: Bry Carling
Topic: 615 Message: 615

FOR SALE:

Group of 15 USA made air variable capacitors.

These are all older parts, many unused. Brands like Hammarlund, Cardwell, Johnson, etc. Small to medium sized parts, from 15 pF to 200 pF. All of these have the typical white ceramic frame. Great condition and ready for your winter homebrew projects.

Will sell for $30.00 plus shipping.

73 de AF4K, Bry

616. FS: Group of Rotary Switches

Yahoo group: heathkitnovicestations
Date: 2011-01-07 19:10:31 UTC
From: Bry Carling
Topic: 616 Message: 616

FOR SALE:

Group 10 of Rotary Switches. This is a mix of medium power ceramic types, phenolic types etc. Everything from 3 - 12 positions. Most are new, and the rest are very clean. One or two have extra sets of contacts.

Will sell the group for $22.00 plus shipping.

Please reply off the list. 73 & thanks for reading - Bry, AF4K

617. Fw: Leo Meyerson, W0GFQ, turns 100

Yahoo group: heathkitnovicestations
Date: 2011-01-18 22:35:18 UTC
From: JAMES HANLON
Topic: 617 Message: 617

----- Original Message -----
From: Brian Harris<mailto:cosmophone@yahoo.com>
To: undisclosed recipients:<mailto:undisclosed%20recipients:>
Sent: Tuesday, January 18, 2011 3:09 PM
Subject: Leo Meyerson, W0GFQ, turns 100

Please read below. Thanks,

Brian Harris, WA5UEK
phone 214-763-5977
email cosmophone@...<mailto:cosmophone@...>
website www.myhamshack.com/wa5uek<http://www.myhamshack.com/wa5uek>

When they call the roll in the Senate, the Senators do not know whether to answer "present" or "not guilty." Theodore Roosevelt

Hi Everybody,

On Feb 24th QCWA Chapter 154 in West Palm Springs is celebrating Leo's 100th birthday. For those that don't remember Leo owned and operated World Radio Laboratories in Council Bluffs, IA for many years.

So here's the plan, take a QSL card, write 'Happy 100th Birthday Leo' on it and send it to:

Leo Meyerson, W0GFQ
19 Park Lane
Rancho Mirage, CA 92270

Gene Pentecost, President of Chapter 154 will make sure they get to the party so everyone that attends can enjoy them.

One last thing, tell every ham you know to do the same thing, QCWA member or not. Spread the word, at every radio club meeting you attend, at every net you check into.

I want Leo to get hundreds, maybe even thousands of cards.

tnx es 73,
Bob Roske, NØUF
QCWA President

No virus found in this message.
Checked by AVG - www.avg.com<http://www.avg.com/>
Version: 10.0.1191 / Virus Database: 1435/3387 - Release Date: 01/17/11

TCDXA-list mailing list
TCDXA-list@...<mailto:TCDXA-list@...>
http://two.pairlist.net/mailman/listinfo/tcdxa-list<http://two.pairlist.net/mailman/listinfo/tcdxa-list>

618. FS: Compactron Tube Sockets

Yahoo group: heathkitnovicestations
Date: 2011-01-22 20:43:38 UTC
From: Bry Carling
Topic: 618 Message: 618

FOR SALE:

More homebrew parts delight...
A group of 8 unusual tube sockets and one male plug.
Most of these appear to be for compactron tubes as noted.

All are new and unused except one.

Two 12-pin sockets - new
One 11-pin socket - new
One 11-pin plug - new
One 11-pin socket - used
Two 9-pin sockets, new (one missing a pin, easily replaced from
a smaller donor socket)

One larger vented socket, sems to be a 4X150A style socket.

I don't want to ship these out separately, so will sell the entire group
for $24.00 plus shipping.

619. REDUCED: USA Made Power Resistors

Yahoo group: heathkitnovicestations
Date: 2011-01-26 12:54:46 UTC
From: Bry Carling
Topic: 619 Message: 619

FOR SALE: USA made Power Resistors

Suitable for bleeder resistors in HV power supplies, etc.
These are good quality, new old stock parts. QTY 1 each.

Now reduced - $6.00 to $18.00 each.

Picture and ordering page at:
http://www.af4k.com/resistors.htm

50,000 ohms at 100 watts
25,000 ohms w/slider at 100 watts
25,000 ohms at 100 watts
25,000 ohms at 75 watts
25,000 ohms at 50 watts
24,000 ohms at 72 watts
20,000 ohms at 100 watts
20,000 ohms at 50 watts
18,000 ohms at 86 watts
18,000 ohms at 55 watts
16,000 ohms at 50 watts
15,000 ohms at 120 watts
15,000 ohms at 72 watts
14,000 ohms at 50 watts (QTY 2)
12,000 ohms at 116 watts
12,000 ohms at 75 watts
12,000 ohms at 68 watts
12,000 ohms at 40 watts
12,000 ohms at 30 watts

Picture and ordering page at:
http://www.af4k.com/resistors.htm

620. FS: Terminal Strips & homebrew parts

Yahoo group: heathkitnovicestations
Date: 2011-01-27 12:43:56 UTC
From: Bry Carling
Topic: 620 Message: 620

FOR SALE:

Group of 20 good quality terminal boards - great for homebrew tube type amateur radio or audio construction projects. Hard to find, top quality phenolic, fibreglass and bakelite boards. For $12.00 plus shipping. (photo link below)

Group of Four variable capacitors - ceramic frame, USA made old stock caps, 100 pF, 80 pF, 30 pF etc. Total of 4 pieces for $20.00 plus shipping.

Bleeder resistors $6 - $18 each

Power Supply, 14.0 Volts DC at 4.5 Amps - $5.00

Heathkit HD-15 Phone Patch, like new - $15.00

Junk box of parts - may include caps, power supplies, tubes, resistors, plugs, adapters, crystals, variable capacitors, fuses, hardware etc. - two available for $15.00 plus shipping.

RF Chokes, 2 mH pi-wound types with axial leads - rated 50 mA Available for $2.00 each

RF Chokes, 1 mH pi-wound types with axial leads - rated 50 mA Available for $1.00 each

GROUP OF SIX panel mount fuse holders - traditional cartridge fuse sizes. Very standard for homebrewing and repairs. All for $6.00 plus shipping.

Pictures and details with ordering page, here:

http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

621. FS: $2.00 Tubes (6146)

Yahoo group: heathkitnovicestations
Date: 2011-02-01 00:02:00 UTC
From: Bry Carling
Topic: 621 Message: 621

FOR SALE: $2.00 Tubes (good, used)

QTY 2 - 6146 - GE
QTY 1 - 6146A - GE
QTY 1 - 6146W - USN
QTY 1 - 6146 - RCA
QTY 1 - 6293 - RCA
QTY 1 - 6146 - Sylvania

Take all seven for $12.00 and save on shipping too.

73 - Brian, AF4K

622. FS: Panel Meter 20A DC

Yahoo group: heathkitnovicestations
Date: 2011-02-06 21:04:11 UTC
From: Bry Carling
Topic: 622 Message: 622

For sale: Round Panel Meter for 0 - 20A DC.

Round meter requires a 2" round hole. Comes with the mounting hardware.
Emico model 2C-2104 (made by Electro-mechanical Instrument Co.,
Perkasie, PA. USA)
QTY 1 available for $3.00 plus shipping.

Bry, AF4K

623. FS: New Ceramic Caps

Yahoo group: heathkitnovicestations
Date: 2011-02-08 20:41:07 UTC
From: Bry Carling
Topic: 623 Message: 623

FOR SALE: New Ceramic Caps

QTY 3 new RCA 109229 - Caps are 130 pF at 6000V
QTY 7 new Sprague 1000J - Caps are 1000 pF at 1000V

Will sell all of these for $6.00 total plus shipping.

73 - Brian, AF4K

624. FS: Heathkit DX40 Transmitter

Yahoo group: heathkitnovicestations
Date: 2011-02-12 02:07:51 UTC
From: Bry Carling
Topic: 624 Message: 624

FOR SALE: Heathkit DX40 AM-CW transmitter in very good, working condition. Original meter works fine, all functions are checked out.

Available for $95.00 plus shipping

73 & thanks for looking - Brian, AF4K

625. FS: HEATHKIT ITEMS

Yahoo group: heathkitnovicestations
Date: 2011-02-21 01:40:23 UTC
From: Bry Carling
Topic: 625 Message: 625

For Sale:

Heathkit HP13 DC supply, good - $45.00
Heathkit HR10B Receiver, exc - $115.00
Heathkit HM-15 SWR Meter, exc w/manual - $25.00
Heathkit HW2036 Transceiver, good - 2m FM - $25.00
Heathkit HS-1661 Speaker, exc - $55.00
Heathkit MDA-19-1 Speaker, exc. - $25.00
Heathkit DX40 manual, vgc - $15.00
Shipping additional.

73 & thanks for looking - Brian "Bry" Carling, AF4K

626. FS: Heathkit HM-15 SWR meter

Yahoo group: heathkitnovicestations
Date: 2011-02-24 11:44:12 UTC
From: Bry Carling
Topic: 626 Message: 626

For Sale:

Heathkit HM-15 SWR Meter, excellent - $22.00
Heathkit HM-15 manual, excellent - $5.00
Buy both for $25.00

Shipping additional.

73 & thanks for looking - Brian "Bry" Carling, AF4K

627. FS: Heathkit HR10B Receiver

Yahoo group: heathkitnovicestations
Date: 2011-02-26 22:22:01 UTC
From: Bry Carling
Topic: 627 Message: 627

FOR SALE: Heathkit HR10B Receiver

Covers the amateur bands, 80 through 10 meters. Each band is separately calibrated on a large easy-to-read slide-rule dial. The dial is illuminated and provides about 6 inches of bandspread for each band.

The receiver features a signal strength "S" meter, a front panel dial calibration control that operates in conjunction with the 100 kc crystal calibrator provisions (optional), a tuned RF amplifier stage, a crystal filter (2 pole), and an automatic noise limiter circuit. It was introduced in 1968 as color-upgrade successor to the HR-10 introduced in 1961. Coverage is ham-band only. The HR-10B color matches the DX-60B transmitter while the HR-10 matches the DX-60. A review of the HR-10 can be found in the July 1963 QST magazine. A clear copy of the schematic diagram is included.
Available for $115.00 plus shipping

I also have a nice little Heathkit external speaker that would work nicely with this receiver for another $15.00

Pictures and details at:
http://www.af4k.com/radios.htm

73 - Bry, AF4K

628. Re: [heathkitnovicestations] FS: Heathkit HR10B Receiver

Yahoo group: heathkitnovicestations
Date: 2011-02-26 22:41:00 UTC
From: Dave
Topic: 627 Message: 628

Bry:

?

Would you sell this for $115 shipped?

?

Dave, W8QW

-----Original Message-----
From: Bry Carling
Sent: Feb 26, 2011 5:22 PM
To: heath@..., heathkit@yahoogroups.com, heathkit@..., heathkitnovicestations@yahoogroups.com, Heathkit-Radios-Moderated@yahoogroups.com
Subject: [heathkitnovicestations] FS: Heathkit HR10B Receiver

?

FOR SALE:? Heathkit HR10B Receiver

Covers the amateur bands, 80 through 10 meters. Each band is separately calibrated on a large easy-to-read slide-rule dial. The dial is illuminated and provides about 6 inches of bandspread for each band.

The receiver features a signal strength "S" meter, a front panel dial calibration control that operates in conjunction with the 100 kc crystal calibrator provisions (optional), a tuned RF amplifier stage, a crystal filter (2 pole), and an automatic noise limiter circuit. It was introduced in 1968 as color-upgrade successor to the HR-10 introduced in 1961. Coverage is ham-band only. The HR-10B color matches the DX-60B transmitter while the HR-10 matches the DX-60. A review of the HR-10 can be found in the July 1963 QST magazine. A clear copy of the schematic diagram is included.

Available for $115.00 plus shipping

I also have a nice little Heathkit external speaker that would work nicely with this receiver for another $15.00

Pictures and details at:

http://www.af4k.com/radios.htm

73 - Bry, AF4K

PeoplePC Online
A better way to Internet
http://www.peoplepc.com

629. FS: Millen Ceramic FT243 Sockets

Yahoo group: heathkitnovicestations
Date: 2011-02-28 12:23:35 UTC
From: Bry Carling
Topic: 629 Message: 629

FOR SALE:
New Millen Ceramic FT243 Sockets
Original NOS sockets made in Malden, MA

Great for period restoration or authentic homebrew.

QTY 3 available for $10.00 each plus shipping.

73 - Bry Carling, AF4K

630. FS: Heathkit SWR meter

Yahoo group: heathkitnovicestations
Date: 2011-03-09 22:09:14 UTC
From: Bry Carling
Topic: 630 Message: 630

For Sale:

Heathkit HM-15 SWR Meter, for the SB-series and HW-series radios.
Also looks great with any vintage Heath station. Excellent - $22.00
Heathkit HM-15 manual, excellent - $5.00
Buy both for $25.00

Shipping additional.

73 & thanks for looking - Brian "Bry" Carling, AF4K

631. Re: [heathkitnovicestations] FS: Heathkit SWR meter

Yahoo group: heathkitnovicestations
Date: 2011-03-09 23:28:33 UTC
From: Carl
Topic: 630 Message: 631

I'll take it Bry

----- Original Message -----
From: "Bry Carling" <bcarling@...>
To: <heathkit@...>; <heathkitnovicestations@yahoogroups.com>;
<Heathkit-Radios-Moderated@yahoogroups.com>;
<HeathkitWarrior@yahoogroups.com>
Sent: Wednesday, March 09, 2011 5:09 PM
Subject: [heathkitnovicestations] FS: Heathkit SWR meter

> For Sale:
>
> Heathkit HM-15 SWR Meter, for the SB-series and HW-series radios.
> Also looks great with any vintage Heath station. Excellent - $22.00
> Heathkit HM-15 manual, excellent - $5.00
> Buy both for $25.00
>
> Shipping additional.
>
> 73 & thanks for looking - Brian "Bry" Carling, AF4K
>
>

632. Activity?

Yahoo group: heathkitnovicestations
Date: 2011-03-29 15:39:17 UTC
From: k5myj
Topic: 205 Message: 632

Anyone have anything to talk about? We've been pretty quiet here for some time.

Propagation is still in the toilet and it looks like it will not improve very much!

Bob
K5MYJ

633. RE: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2011-03-29 17:29:07 UTC
From: George Wedge
Topic: 205 Message: 633

I'm here and waiting too Bob

George K1OLS

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of k5myj
Sent: Tuesday, March 29, 2011 11:39 AM
To: heathkitnovicestations@yahoogroups.com
Subject: [heathkitnovicestations] Activity?

Anyone have anything to talk about? We've been pretty quiet here for some time.

Propagation is still in the toilet and it looks like it will not improve very much!

Bob
K5MYJ

Yahoo! Groups Links

634. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2011-03-29 17:36:51 UTC
From: Bob Macklin
Topic: 205 Message: 634

I got my ticket in 1957 during the best solar cycle of the past century. I will be 79 in 2013 when this crappy solar cycle peaks. I don't expect to see the following solar cycle!

Any activity here in Seattle is slim except on contest days. During the last CW contest I was able to copy Japanese and Hawaiian stations on 40M. I was also able to copy East Coast stations on 20M.

I am antenna limited and I don't do well on 80/75.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "George Wedge" <gwedge@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Tuesday, March 29, 2011 10:29 AM
Subject: RE: [heathkitnovicestations] Activity?

> I'm here and waiting too Bob
>
> George K1OLS
>
> -----Original Message-----
> From: heathkitnovicestations@yahoogroups.com
> [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of k5myj
> Sent: Tuesday, March 29, 2011 11:39 AM
> To: heathkitnovicestations@yahoogroups.com
> Subject: [heathkitnovicestations] Activity?
>
> Anyone have anything to talk about? We've been pretty quiet here for some
> time.
>
> Propagation is still in the toilet and it looks like it will not improve
> very much!
>
> Bob
> K5MYJ
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> Yahoo! Groups Links
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635. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2011-03-29 18:00:33 UTC
From: w7dra@juno.com
Topic: 205 Message: 635
Attachments: 2 described; binary payloads are missing from this source WARC

every now and then i get a contact on 80, most notable was the last one from Hawaii, but i faithfully go down to my novice station (s40/xtal MOPA and wndom) every evening and call CQ, waiting for another contact to drift through the either, all the while thinking if i would hook up ol' Mohammed (a single 810 with a micro wave xformer power supply) i would have less problems making contacts.

mike w7dra

On Tue, 29 Mar 2011 10:36:51 -0700 Bob Macklin <macklinbob@...>
writes:

I got my ticket in 1957 during the best solar cycle of the past century.
I
will be 79 in 2013 when this crappy solar cycle peaks. I don't expect to
see
the following solar cycle!

Any activity here in Seattle is slim except on contest days. During the
last
CW contest I was able to copy Japanese and Hawaiian stations on 40M. I
was
also able to copy East Coast stations on 20M.

I am antenna limited and I don't do well on 80/75.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "George Wedge" <gwedge@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Tuesday, March 29, 2011 10:29 AM
Subject: RE: [heathkitnovicestations] Activity?

> I'm here and waiting too Bob
>
> George K1OLS
>
> -----Original Message-----
> From: heathkitnovicestations@yahoogroups.com
> [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of k5myj
> Sent: Tuesday, March 29, 2011 11:39 AM
> To: heathkitnovicestations@yahoogroups.com
> Subject: [heathkitnovicestations] Activity?

>
> Anyone have anything to talk about? We've been pretty quiet here for
some
> time.
>
> Propagation is still in the toilet and it looks like it will not
improve
> very much!
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> Bob
> K5MYJ
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> Yahoo! Groups Links
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> Yahoo! Groups Links
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Obama Urges Refinance
If you owe under $729k you probably qualify for Obama's Refi Programs
http://thirdpartyoffers.juno.com/TGL3141/4d921e7bad024592em03vuc

636. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2011-03-29 18:55:48 UTC
From: DR Don
Topic: 205 Message: 636

Bob, I was licensed in1955 and enjoyed the boom years 55 thru 60. Now at 71, I expect to see this cycle peak, but later than 2113 since it started later and the next cycle. I live on a 50by 80 lot with very little yard and no tall trees. And the 40 to 15 parallel dipoles just fit with a little bending supported on 10 meter bamboo poles..
On some days 20 and 17 are hopping. Less days 15 and 10. 2 to 3 nights a week I can work a few Russia or European stations on 40 meters with my 100 watts. I am SOOO looking forward to a much better propagation in the next 2 years.
Maybe I can get the HW16 on again then.
Hopefully next year after the house is finished I will have room for the 160 meter loop at 30 feet on one end and up to 90 feet on the house end. And the 5 band 2 el quad. Then I should be better able to enjoy hamming.
Propagation here at Just-South- of-Zero Latitude has been stinko for the last 2 years. So I can feel-your-pain as the politicians would say. Hard to be couped up in a small place with no antenna room. .
However I have been busy with the clinic but look forwardto having some fun soon.
Just keep trying with what you have and do the best you can.
Dr Don HC4/W4BWS

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2011 12:36 PM
Subject: Re: [heathkitnovicestations] Activity?

I got my ticket in 1957 during the best solar cycle of the past century. I will be 79 in 2013 when this crappy solar cycle peaks. I don't expect to see the following solar cycle!

Any activity here in Seattle is slim except on contest days. During the last CW contest I was able to copy Japanese and Hawaiian stations on 40M. I was also able to copy East Coast stations on 20M.

I am antenna limited and I don't do well on 80/75.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
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To: <heathkitnovicestations@yahoogroups.com>
Sent: Tuesday, March 29, 2011 10:29 AM
Subject: RE: [heathkitnovicestations] Activity?

> I'm here and waiting too Bob
>

> George K1OLS
>
> -----Original Message-----
> From: heathkitnovicestations@yahoogroups.com
> [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of k5myj
> Sent: Tuesday, March 29, 2011 11:39 AM
> To: heathkitnovicestations@yahoogroups.com
> Subject: [heathkitnovicestations] Activity?
>
> Anyone have anything to talk about? We've been pretty quiet here for some
> time.
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> Propagation is still in the toilet and it looks like it will not improve
> very much!
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> Bob
> K5MYJ
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> Yahoo! Groups Links
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637. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2011-03-29 19:14:09 UTC
From: Bob Macklin
Topic: 205 Message: 637

I ran into a new problem a couple weeks ago. TVI!

My antenna is just below the ceiling of my "RETIREMENT CLOSET". The current antenna is OK for 40/15.

I was not having a problem with my DX-60.

But I bought a new flat screen TV. I have not tried the DX-60 with it.

Two weeks ago I was bringing the SB-401 back up after sitting idle for several years. After checking it out on the Cantenna I put it on the real antenna. Result? SEVERE TVI!

So this weekend I will have to work after 11PM to try and identify the problem.

I may have to just go back to QRP operation!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: DR Don
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2011 11:55 AM
Subject: Re: [heathkitnovicestations] Activity?

Bob, I was licensed in1955 and enjoyed the boom years 55 thru 60. Now at 71, I expect to see this cycle peak, but later than 2113 since it started later and the next cycle. I live on a 50by 80 lot with very little yard and no tall trees. And the 40 to 15 parallel dipoles just fit with a little bending supported on 10 meter bamboo poles..
On some days 20 and 17 are hopping. Less days 15 and 10. 2 to 3 nights a week I can work a few Russia or European stations on 40 meters with my 100 watts. I am SOOO looking forward to a much better propagation in the next 2 years.
Maybe I can get the HW16 on again then.
Hopefully next year after the house is finished I will have room for the 160 meter loop at 30 feet on one end and up to 90 feet on the house end. And the 5 band 2 el quad. Then I should be better able to enjoy hamming.
Propagation here at Just-South- of-Zero Latitude has been stinko for the last 2 years. So I can feel-your-pain as the politicians would say. Hard to be couped up in a small place with no antenna room. .
However I have been busy with the clinic but look forwardto having some fun soon.
Just keep trying with what you have and do the best you can.
Dr Don HC4/W4BWS

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com

Sent: Tuesday, March 29, 2011 12:36 PM
Subject: Re: [heathkitnovicestations] Activity?

I got my ticket in 1957 during the best solar cycle of the past century. I will be 79 in 2013 when this crappy solar cycle peaks. I don't expect to see the following solar cycle!

Any activity here in Seattle is slim except on contest days. During the last CW contest I was able to copy Japanese and Hawaiian stations on 40M. I was also able to copy East Coast stations on 20M.

I am antenna limited and I don't do well on 80/75.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "George Wedge" <gwedge@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Tuesday, March 29, 2011 10:29 AM
Subject: RE: [heathkitnovicestations] Activity?

> I'm here and waiting too Bob
>
> George K1OLS
>
> -----Original Message-----
> From: heathkitnovicestations@yahoogroups.com
> [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of k5myj
> Sent: Tuesday, March 29, 2011 11:39 AM
> To: heathkitnovicestations@yahoogroups.com
> Subject: [heathkitnovicestations] Activity?
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> Anyone have anything to talk about? We've been pretty quiet here for some
> time.
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> Propagation is still in the toilet and it looks like it will not improve
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> Bob
> K5MYJ
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638. Off-Air Activity?

Yahoo group: heathkitnovicestations
Date: 2011-03-31 02:36:13 UTC
From: Steven C
Topic: 638 Message: 638

Bob and all,

Another group scanned a 1946 National Radio Institute course. Those of us taking the course have great fun and a sense of accomplishment. What would be the Heathkit equivalent? Or an old tube vintage ARRL Understanding Amateur Radio course?

Mean while, I now live in a subsidised senior apartment on the ridge in North Everett. It should work well enough for 21 MHz and up.

Worse yet, the WA7LAW VECs give their exams only about 5 or 6 blocks from my apartment. So I'm in the miserable situation of being totally out of excuses for not getting my general. Guess I'll have to get on the air.

73,

Steven, KD7YTE

639. Re: [heathkitnovicestations] Off-Air Activity?

Yahoo group: heathkitnovicestations
Date: 2011-03-31 02:43:08 UTC
From: Bob Macklin
Topic: 638 Message: 639

Good luck Steven!

Is it a SHAG unit you are living in.

I have been trying to get my SB301/SB-401 pair on the air. But I have a major TVI problem to overcome. I plan to work on it this weekend.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "Steven C" <steven_coles@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, March 30, 2011 7:36 PM
Subject: [heathkitnovicestations] Off-Air Activity?

> Bob and all,
>
> Another group scanned a 1946 National Radio Institute course. Those of us
> taking the course have great fun and a sense of accomplishment. What
> would be the Heathkit equivalent? Or an old tube vintage ARRL
> Understanding Amateur Radio course?
>
> Mean while, I now live in a subsidised senior apartment on the ridge in
> North Everett. It should work well enough for 21 MHz and up.
>
> Worse yet, the WA7LAW VECs give their exams only about 5 or 6 blocks from
> my apartment. So I'm in the miserable situation of being totally out of
> excuses for not getting my general. Guess I'll have to get on the air.
>
> 73,
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> Steven, KD7YTE
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> Yahoo! Groups Links
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640. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2011-04-09 15:27:47 UTC
From: wa5pok@peoplepc.com
Topic: 205 Message: 640

Well, I went to the Belton hamfest last weekend, mostly to sell ... too
much stuff here. The only purchase I made was an AR-3 for $10 for
parts. It was missing the case. It is complete and not in bad shape after
I cleaned the dirt off of it. Plug it in and nothing, not even hum or noise
from the speaker. Some one did a pretty crummy job of building it so I
started going through it. Some washers on the tube sockets were too
big and touching pins, etc. While fixing the washer problem I noticed
the 12AV6 and the 12BA6 were switched. Now I have noise and a few
weak signals in the speaker. It will be a keeper.

73, Mike WA5POK

>
>
> Anyone have anything to talk about? We've been pretty quiet here for
> some time.
>
> Propagation is still in the toilet and it looks like it will not
> improve very much!
>
> Bob
> K5MYJ
>
>

641. FS: Bag of 38 new RF chokes

Yahoo group: heathkitnovicestations
Date: 2011-05-12 10:49:22 UTC
From: Bry Carling
Topic: 641 Message: 641

FOR SALE:

Bag of 38 new PI-WOUND RF chokes.
QTY 12 are 1 mH with wire leads
QTY 26 are 0.5 mH with wire leads

All brand new - will sell the bag for $6.00 plus shipping.

73 de AF4K, Brian

642. REDUCED: Two 250 watt "Variacs"

Yahoo group: heathkitnovicestations
Date: 2011-05-12 11:06:38 UTC
From: Bry Carling
Topic: 642 Message: 642

REDUCED:

Two 250 watt variacs - Each designed for 0 - 250 V AC at 1 amp, 60 Hz.
Can be used at 120V AC also.

These are conservatively rated and can probably handle 1.5 to 2.0 Amps at 120V easily.
They are three terminal, open frame Powerstat variable transformers with 1/4" shaft.
One has a knob.

Now available for $22.00 each plus shipping

643. FS: Pair of 2E26 tubes and a 3B28

Yahoo group: heathkitnovicestations
Date: 2011-05-12 11:16:02 UTC
From: Bry Carling
Topic: 643 Message: 643

FOR SALE: Pair of 2E26 tubes and a 3B28

Like new, tested 2E26 tubes in great condition, working fine.
Fully tested. No boxes, so they may be used.
Will sell the pair for $6.00 plus shipping

Brand new 3B28 - new in box, $10.00 plus shipping
(these are going for $20.00 - $25.00 each on ePay)

Thanks for reading - 73 de AF4K, Brian

644. RE: [heathkitnovicestations] FS: Bag of 38 new RF chokes

Yahoo group: heathkitnovicestations
Date: 2011-05-12 12:06:17 UTC
From: W8KZW
Topic: 641 Message: 644

Can I PayPal you $7.00 to cover all?

Jeff

-----Original Message-----
From: Bry Carling [mailto:bcarling@...]
Sent: Thursday, May 12, 2011 6:49 AM
To: hamswapnet@yahoogroups.com; heathkitnovicestations@yahoogroups.com;
HollowState@yahoogroups.com; johnson@...;
allied@...; Knightkit-Allied-Lafayette-EICO@yahoogroups.com;
MOPAGROUP@yahoogroups.com
Subject: [heathkitnovicestations] FS: Bag of 38 new RF chokes

FOR SALE:

Bag of 38 new PI-WOUND RF chokes.
QTY 12 are 1 mH with wire leads
QTY 26 are 0.5 mH with wire leads

All brand new - will sell the bag for $6.00 plus shipping.

73 de AF4K, Brian

645. REDUCED MORE: POWERSTAT VARIACS

Yahoo group: heathkitnovicestations
Date: 2011-05-14 12:53:58 UTC
From: Bry Carling
Topic: 645 Message: 645

REDUCED EVEN MORE (Next stop eBay)

Variable AC transformers. With front panels.

Two 250 watt "variacs" - Each designed for 0 - 250 V AC at 1 amp, 60 Hz.
Can be used at 120V AC also.

These are conservatively rated and can probably handle 1.5 to 2.0 Amps at 120V easily.
They are three terminal, open frame Powerstat variable transformers with 1/4" shaft.
One has a knob.

Now available for $15.00 each plus shipping

Next stop eBay if nobody wants them.

73 & thanks for looking - Bry, AF4K

646. FS: Midland 13-126 SWR Meter

Yahoo group: heathkitnovicestations
Date: 2011-05-19 01:41:52 UTC
From: Bry Carling
Topic: 646 Message: 646

For Sale: Midland 13-126 SWR Meter
This is the one one that we ALL used in the 1960s!
Rebuild your novice station just like the old days.

This one looks brand new - in the box. Similar to the one pictured here, only better:
Midland 13-126 SWR Meter Picture

Available for $25.00 plus shipping.

73 - Bry, AF4K

647. FS: QTY 24 X 3500 Ohm Power Resistors

Yahoo group: heathkitnovicestations
Date: 2011-05-19 23:03:37 UTC
From: Bry Carling
Topic: 647 Message: 647

FOR SALE: 3.5 kilohm, 25 watt power resistors.
Type L25J3K5 resistors "3500 ohms."

Quantity of 24 first quality OHMITE w.w. resistors with solder terminals.

Will sell all for $12.00 plus shipping.

73 de AF4K - Brian

648. FS: Two tube type power supplies etc...

Yahoo group: heathkitnovicestations
Date: 2011-05-19 23:44:37 UTC
From: Bry Carling
Topic: 648 Message: 648

FOR SALE: Two tube type power supplies etc. etc.

POWER SUPPLY NUMBER ONE:
First is a homebuilt 117V AC, slat-board style station power supply, built by WD4NKA and appears to match the little transmitter mentioned earlier. It has a nice, large AC power transformer that willl supply way more power than needed for just the little transmitter. Secondaries are 750V c.t. at about 200 ma, 6.3V, 5V etc.
This is also slat board construction, with hardwood, and aluminum angle stock.
Has fuse, ON-OFF switch with knob, 6X5 rectifier, two VR tubes and two 40 uF at 450V DC Mallory FP style can capacitors.

Has barrier strip output terminals marked for B+, Filament and Ground.

Available for $25.00 plus shipping.

POWER SUPPLY NUMBER TWO:
117V AC primary, B plus and 6.3V AC supply. 445V c.t. AC at about 100 mA.
This is a commercial or surplus supply on a compact chassis. Suitable for QRP xmtr or for a use with receiver. It has two 20 uF at 350 WVDC can capacitors, and a 6X% rctifier plus a regulator tube.

Available for $19.00 plus shipping.

More power supply components:
TWO AEROVOX Electrolytic plug-in capacitors (Octal Sockets) each is 10+10+10 uF at 450 WVDC.
Will sell the pair for $5.00

High Voltage POWER SUPPLY Board. Has FIVE 100 uFD at 450V capacitors in series for 20 uF at 2250 WVDC, and also has balancing / bleeder resistor across each one - These are each 50 kilohms at 20 watts. All new parts mounted on a nice phenolic board with mounting hardware. Picture available on request.
Available for $16.00 plus shipping.

Coming soon - s0me antique knobs, dials, transmitting and receiving tubes etc.

73 & Thanks for looking!

Bry, AF4K

649. Boatanchor music

Yahoo group: heathkitnovicestations
Date: 2011-05-21 20:54:26 UTC
From: Bry Carling
Topic: 649 Message: 649

Here is a song for all of the old time hams who either go back to the days BEFORE it was called "Rock and Roll" - (but it was anyway...)

A radio song, no doubt about it - Dinah Shore singing "Oo Wee Walkie Talkie"

I found it posted 5/21/2011 in the Usenet newsgroup:

alt.binaries.sounds.mp3.blues

GREAT song!

650. Correction!

Yahoo group: heathkitnovicestations
Date: 2011-05-21 20:57:55 UTC
From: Bry Carling
Topic: 650 Message: 650

Correction: Dinah Washington, not Dinah Shore

Here is a song for all of the old time hams who either go back to the days BEFORE it was called "Rock and Roll" - (but it was anyway...) or love the sound of early radio-related "jump show" music.
A radio song, no doubt about it - Dinah Washington singing "Oo Wee Walkie Talkie"
I found it posted 5/21/2011 in the Usenet newsgroup:
alt.binaries.sounds.mp3.blues
GREAT song!

651. FS: Antenna Selector Switches from $3 to $30

Yahoo group: heathkitnovicestations
Date: 2011-05-21 21:35:36 UTC
From: Bry Carling
Topic: 651 Message: 651

FOR SALE: Antenna Selector Switches

1) Phasing switch used for selecting XMTR - AUX - HORIZONTAL - VERTICAL
Has four SO-239 connectors. Perhaps used with a Moonraker or similar
antenna. $5.00 plus shipping

2) OLSON 2-way coaxial antenna switch - with three SO-239 connectors for
ANT 1, ANT 2, and radio. Slide switch. Very good condition. $5.00 plus shipping

3) WATERS Coaxial Selector Switch with faceplate and mounting hardware.
This is a 5 position switch with SO-239 connectors and a grounding position to help
protect the antennas. Available for $20.00 plus shipping

4) WATERS 2-way Coaxial Selector Switch with faceplate. This is a 2 position switch
with FOUR SO-239 connectors (interestingly!). Available for $16.00 plus shipping

5) PACE 3-position coaxial switch. Model 5621 it is 1KW rated. Has 4 SO-239 connectors.
Available for $10.00 plus shipping

6) DOWKEY COAXIAL Antenna Selector Switch model DK78-2. Two positions with
faceplate. Ultimate in beautiful antenna switches. Excellent condition.
Built like a tank. Available for $30.00 plus shipping

7) Homebrew 2-way coaxial antenna switch - with three SO-239 connectors for
ANT 1, ANT 2, and radio. Rotary selector switch.Good condition. $3.00 plus shipping.

73 de AF4K - Bry

652. FS: Millen Grid Dip Meter $25

Yahoo group: heathkitnovicestations
Date: 2011-05-21 21:51:18 UTC
From: Bry Carling
Topic: 652 Message: 652

FOR SALE: James Millen Co. 90651 Grid Dip Meter.
Looks almost like new. AC cord is slightly cracked and should be replaced.
Comes with one coil - for 6.4 to 16 Mc. band. Others missing.
Also has the manual.

Available for $25.00 plus shipping

73 - Bry, AF4K

653. Re: [heathkitnovicestations] Correction!

Yahoo group: heathkitnovicestations
Date: 2011-05-21 22:18:01 UTC
From: Adrian Flynn
Topic: 650 Message: 653

What is the link?
Adrian KF7DYU

On Sat, May 21, 2011 at 4:57 PM, Bry Carling <bcarling@...> wrote:

>
>
> Correction: Dinah Washington, not Dinah Shore
>
> Here is a song for all of the old time hams who either go back to the
> days BEFORE
> it was called "Rock and Roll" - (but it was anyway...) or love the sound
> of early
> radio-related "jump show" music.
> A radio song, no doubt about it - Dinah Washington singing "Oo Wee Walkie
> Talkie"
> I found it posted 5/21/2011 in the Usenet newsgroup:
> alt.binaries.sounds.mp3.blues
> GREAT song!
>
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>

654. FS: MISC PARTS - Radio Related

Yahoo group: heathkitnovicestations
Date: 2011-05-21 22:38:47 UTC
From: Bry Carling
Topic: 654 Message: 654

FOR SALE:

QTY 1 - 2500 ohm, 25 watt potentiometer TRU-OHM - wire wound - $5.00

QTY 2 - COMCO Octal crystal ovens for dual hc6u crystals, 12V - QTY 2 for $3.00 each

QTY 4 mini muffin fans about 1.5" square and 1/4" thick. 12V by TOYO for $1.00 each

QTY 1 Electroline EDA2800 distribution amplifier. F connectors. 1 input 8 outputs.
Covers 54 - 1000 MHz with 4 dB gain to all ports. Requires 15V DC at 270 mA.
QTY 1 available for $8.00 plus shipping.

These are good, tested used tubes.
QTY 1 GE 6997 VHF amplifier tube - $2.00
QTY 1 RCA 832A tube - looks new - $3.00
QTY 1 PHILCO Type 24 tube - $3.00
QTY 1 Cunningham C327 Tube - $2.00
QTY 1 RCA 5U4GB - $2.00
QTY 2 tubes, type 3B28 - $12.00 for the pair
QTY 2 tubes, type 2E26 - $4.00 for the pair

Bunch of electrolytic capacitors:
QTY 4 - 33 uF at 400V DC
QTY 1 - 1000 uF at 50V DC
QTY 1 - 220 uF at 63V DC
QTY 3 - 5500 uF at 40V DC
QTY 1 - 5800 uF at 40V DC
QTY 3 - 5500 uF at 25V DC
For all 13 capacitors (and I will add a few more) - $5.00 plus shipping

Midland SWR / Field Strength meter for hf, new in box - $22.00

Aluminum chassis - 10" X 5" X 3" has only one connector hole 1" diameter on end.
This is a nice traditional box chassis with bottom lip - QTY 1 only - $8.00

Ferrite rod coil - antenna with instructions, new old stock - $2.00

S-meter, edgewise, 0 to S9 + 30dB OLSON made in Japan - new in package for $2.00

New panel meter 0 - 500 mA DC. 2-3/4" wide, rectangular, requires a 1-5/8" hole.
Radio Shack 22-414 - QTY 1 only - $5.00

Shipping additional for all of the above. Combine items and save on shipping.

73 de AF4K, Bry

655. Re: [heathkitnovicestations] FS: MISC PARTS - Radio Related

Yahoo group: heathkitnovicestations
Date: 2011-05-22 00:49:08 UTC
From: Carl
Topic: 654 Message: 655

Bunch of electrolytic capacitors:
QTY 4 - 33 uF at 400V DC
QTY 1 - 1000 uF at 50V DC
QTY 1 - 220 uF at 63V DC
QTY 3 - 5500 uF at 40V DC
QTY 1 - 5800 uF at 40V DC
QTY 3 - 5500 uF at 25V DC
For all 13 capacitors (and I will add a few more) - $5.00 plus shipping

I'll take those if they are reasonably new.

Carl

----- Original Message -----
From: Bry Carling
To: HamRadioTradeingPost@yahoogroups.com ; HamStuff@yahoogroups.com ; hamswapnet@yahoogroups.com ; heathkit@yahoogroups.com ; heathkit@... ; heathkitnovicestations@yahoogroups.com ; HollowState@yahoogroups.com
Sent: Saturday, May 21, 2011 6:38 PM
Subject: [heathkitnovicestations] FS: MISC PARTS - Radio Related

FOR SALE:

QTY 1 - 2500 ohm, 25 watt potentiometer TRU-OHM - wire wound - $5.00

QTY 2 - COMCO Octal crystal ovens for dual hc6u crystals, 12V - QTY 2 for $3.00 each

QTY 4 mini muffin fans about 1.5" square and 1/4" thick. 12V by TOYO for $1.00 each

QTY 1 Electroline EDA2800 distribution amplifier. F connectors. 1 input 8 outputs. Covers 54 - 1000 MHz with 4 dB gain to all ports. Requires 15V DC at 270 mA. QTY 1 available for $8.00 plus shipping.

These are good, tested used tubes.
QTY 1 GE 6997 VHF amplifier tube - $2.00
QTY 1 RCA 832A tube - looks new - $3.00
QTY 1 PHILCO Type 24 tube - $3.00
QTY 1 Cunningham C327 Tube - $2.00
QTY 1 RCA 5U4GB - $2.00
QTY 2 tubes, type 3B28 - $12.00 for the pair
QTY 2 tubes, type 2E26 - $4.00 for the pair

Bunch of electrolytic capacitors:
QTY 4 - 33 uF at 400V DC
QTY 1 - 1000 uF at 50V DC
QTY 1 - 220 uF at 63V DC
QTY 3 - 5500 uF at 40V DC

QTY 1 - 5800 uF at 40V DC
QTY 3 - 5500 uF at 25V DC
For all 13 capacitors (and I will add a few more) - $5.00 plus shipping

Midland SWR / Field Strength meter for hf, new in box - $22.00

Aluminum chassis - 10" X 5" X 3" has only one connector hole 1" diameter on end.
This is a nice traditional box chassis with bottom lip - QTY 1 only - $8.00

Ferrite rod coil - antenna with instructions, new old stock - $2.00

S-meter, edgewise, 0 to S9 + 30dB OLSON made in Japan - new in package for $2.00

New panel meter 0 - 500 mA DC. 2-3/4" wide, rectangular, requires a 1-5/8" hole.
Radio Shack 22-414 - QTY 1 only - $5.00

Shipping additional for all of the above. Combine items and save on shipping.

73 de AF4K, Bry

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1375 / Virus Database: 1509/3652 - Release Date: 05/21/11

656. FS: Original FT243 Crystals

Yahoo group: heathkitnovicestations
Date: 2011-05-25 01:32:28 UTC
From: Bry Carling
Topic: 656 Message: 656

FOR SALE:

160m, 80m, 40m, 20m, 6m, 2m original, old FT243 rocks... for CW and AM etc.

Several people have asked for the availability of some original amateur band FT243 Crystals.

I do have a limited number of these for 80m, 40m, 20m, 6m and 2m bands.

I have a few more to add yet on 40m - 6m - 2m but the rest are ready...
The list and buying buttons can be found at:

http://www.af4k.com/FT243_CRYSTALS_Originals.htm

73 de AF4K, Bry

657. FS: CR1A ham band crystals

Yahoo group: heathkitnovicestations
Date: 2011-05-27 21:03:42 UTC
From: Bry Carling
Topic: 657 Message: 657

FOR SALE:

QTY 6 type CR1A ham band crystals (rare) -
CR-1A/AR designation.

7028 kHz (QTY 2)

7039 kHz (QTY 3)

7128 kHz (QTY 1)

Available for $12.00 each plus shipping

As seen here:
http://farm6.static.flickr.com/5068/5645540051_50204276ec_b.jpg

Dimensions: CR-1A/AR - Crystal Unit 1-1/8" wide X 3/8" X 1-1/8" tall.
Pin spacing 1/2" and pin diameter 1/8" X 11/16" long
Used in a variety of military radios,
Overall Size: 1.125" wide X 0.375" X 1.125" high.
Pin spacing 0.5" and pin diameter is 0.125" X 1.0625" long

Thanks for looking - 73 & good DX!

Bry, AF4K

658. FS: Tube type preamp with tone controls

Yahoo group: heathkitnovicestations
Date: 2011-05-27 21:21:04 UTC
From: Bry Carling
Topic: 658 Message: 658

FOR SALE: Tube type preamp / tone controls.

Here is a cool "signal processor" of sorts.

It has those screw-on coaxial mono audio connectors of yore, usually used for mic level signals.

Has two tubes, 6SQ7 and 6SN7. Two Allen Bradley pots with black "chicken head knobs" for bass and treble cut-boost, and has beautiful construction using cloth-covered wire. No AC supply on board but DOES have a dual 20 uF + 20 uF at 450V DC can capacitor. Requires about 250V DC at 25 mA and 6.2V AC at 1A. Includes numerous capacitors and carbon composition resistors.

Small aluminum chassis dimensions: 6.5" X 5.5" X 1" tall.
Overall 4" tall with parts. Pictures available on request.

Available for $15.00 plus shipping.

Thanks & 73 de AF4K, Bry

659. REDUCED: Midland SWR / Power Meter

Yahoo group: heathkitnovicestations
Date: 2011-06-20 12:37:10 UTC
From: Bry Carling
Topic: 659 Message: 659

For Sale: Midland 13-126 SWR Meter

Gives accurate SWR readingsand relative FWD/REF power readings on
any 50 ohm antenna system using two standard SO239 connectors.

This is the one one that we ALL used in the 1960s! Rebuild your novice station just like the old days.

This one looks brand new and comes with the original box. Similar to the one pictured here, only better:

http://www.mudman98.com/Maintenance/SWR/SWR2.JPG

Available for $22.00 plus shipping.

73 - Bry, AF4K

660. FS: NOS Variable Capacitors

Yahoo group: heathkitnovicestations
Date: 2011-06-22 11:04:03 UTC
From: Bry Carling
Topic: 660 Message: 660

FOR SALE: Two Hammarlund NOS antique variable caps

One in lovely orange box - type HC-10 "For Better Radio."
"Hammarlund Manufacturing Co. Precision Products."

One is a 10 pF variable, and the other is a 27 pF variable.
Both have standard 1/4 inch shaft about 3/4 inch long.
Standard 3/8" bushing with nut.

Will sell these for $12.00 each or $20.00 for the pair plus shipping

--
Regards - Bry, AF4K
"Stay thirsty, my friends!"

661. REDUCED: Group of Six Military radio ham band crystals

Yahoo group: heathkitnovicestations
Date: 2011-06-22 11:14:35 UTC
From: Bry Carling
Topic: 661 Message: 661

REDUCED:

GROUP OF USAF military aircraft crystals for 40m amateur band.
Most are marked "862nd USAF"

QTY 6 type CR-1A/AR same as HC-11/U crystals (rare) -

7028 kHz (QTY 2)

7039 kHz (QTY 3)

7128 kHz (QTY 1)

Will sell the whole group for $36.00 plus shipping

Similar to picture seen here:
http://farm6.static.flickr.com/5068/5645540051_50204276ec_b.jpg

Dimensions: CR-1A/AR - Crystal Unit 1-1/8" wide X 3/8" X 1-1/8" tall.
Pin spacing 1/2" and pin diameter 1/8" X 11/16" long
Used in a variety of military radios,
Overall Size: 1.125" wide X 0.375" X 1.125" high.
Pin spacing 0.5" and pin diameter is 0.125" X 1.0625" long

Thanks for looking - 73 & good DX!

Bry, AF4K

662. FS: LACING CORD

Yahoo group: heathkitnovicestations
Date: 2011-06-22 11:23:37 UTC
From: Bry Carling
Topic: 240 Message: 662

FOR SALE LACING CORD - new old stock military style nylon braided
cord for making or repairing traditional wiring harnesses.

I have three spools left. Each is 500 yards and made by Gudebrod of Pottstown, PA
All are natural finish. Cream colour.

QTY 3 available for $10.00 each plus shipping

73 - AF4K, Bry Carling
Florida

http://www.af4k.com

663. FS: WW2 Military Surplus crystal case

Yahoo group: heathkitnovicestations
Date: 2011-06-30 19:18:14 UTC
From: Bry Carling
Topic: 663 Message: 663

FOR SALE:

WW2-era Military Surplus crystal case, type BX40

Holds 120 type FT243 crystals. Great for storing your collection.

Excellent condition. Photo and details here:

http://www.af4k.com/miscpart.htm

73 & thanks for looking - Bry, AF4K

664. FS: 160m, 80m, 40m crystals $5.00 each

Yahoo group: heathkitnovicestations
Date: 2011-07-15 18:24:02 UTC
From: Bry Carling
Topic: 664 Message: 664

FOR SALE: Amateur Band hc6/u crystals for sale
QUANTITY 42 as follows:

1800 kHz

1801 kHz (QTY 2)

1835 kHz

1843 kHz

1848.8 kHz

1942 kHz (QTY 4)

3742 kHz (QTY 8)

7000 kHz (QTY 5)

7005 kHz

7050 kHz

7072.2 kHz (QTY 2)

7094.4 kHz (QTY 3)

7095 kHz (QTY 5)

7150 kHz (QTY 2)

7155.5 kHz

7163 kHz

7180 kHz

7184 kHz

7189 kHz

These are each available for $5.00 per crystal, plus shipping.
(check or money order)

Or buy all 42 of these crystals for $125.00 plus shipping.

73 - Brian Carling, AF4K

665. FS: Antique radio parts and accessories

Yahoo group: heathkitnovicestations
Date: 2011-08-10 11:30:34 UTC
From: Bry Carling
Topic: 665 Message: 665

FOR SALE: Collection of 38 antique radio dials, knobs and escutcheon scale plates etc.
Includes two large dials for the amateur bands, Some Collins style knobs,
black fluted knobs, chicken head knobs, a large bakelite 0 - 100 knob etc. etc.
Picture on request.
Will sell all for $25.00 plus shipping.

REDUCED: Midland SWR / Field Strength Meter - new in box.
New old stock HF swr meter in perfect condition, shows
relative power and SWR. Also a useful field strength meter for antenna
measurements. A great nostaligia piece too, for those reconstructing their
1960s novice station. Picture on request.
Now available for $15.00 plus shipping

FOR SALE: Box of 30 RF chokes. This assortment includes several 2.5 mH chokes
and others handy for building RF circuits. Two boxes of these available. Picture on
request.
Will sell these for $15.00 plus $6.00 shipping.

FOR SALE: Group of three 40m crystals, type hc6u
Frequencies - 7050, 7072, 7094 kHz
Will sell this group for $19.00 plus shipping

FOR SALE: Group of three 160m crystals, type hc6u
Frequencies - 1801, 1843, 1942 kHz
Will sell this group for $19.00 plus shipping

FOR SALE: Two Drake crystals, type hc6u
Frequencies 24.600 MHz and 31.600 MHz
Will sell this group for $19.00 plus shipping

Thanks for looking & 73 - Bry, AF4K

666. FS: Groups of FT243 crystals

Yahoo group: heathkitnovicestations
Date: 2011-08-18 21:51:01 UTC
From: Bry Carling
Topic: 666 Message: 666

FOR SALE: Groups of FT243 crystals as used in all the typical ham AM and CW rigs
like Heathkit, Drake 2NT, Hallicrafters HT40, etc. etc.

Back by popular demand.

GROUP 01 - (8) FT243 crystals - original ones on
7028, 7038, 7068, 7075, 7130, 7156, 7185, 7196 kHz
Available for just $25.00 total for all eight plus shipping.

GROUP 2 - (8) FT243 crystals - original ones on
7049, 7072, 7075, 7083, 7093, 7130, 7133, 7156 kHz
Available for just $25.00 total for all eight plus shipping.

GROUP 3 - (8) FT243 crystals - original ones on
7125, 7140, 7161, 7222, 7233, 7240, 7247, 7284kHz
Available for just $18.00 total for all eight plus shipping.

GROUP 4 - (8) FT243 crystals - original ones on
7162, 7172, 7192, 7243, 7273, 7277, 7284, 7289 kHz
Available for just $18.00 total for all eight plus shipping.

See lists and buy hrere:
http://www.af4k.com/basementcrystals.htm

Plenty of other ham band crystals on a wide variety of useful frequencies listed here:
http://www.af4k.com/crystals.htm

73 - Brian "Bry" Carling, AF4K
Florida

667. FS: 455-457 kHz crystals etc.

Yahoo group: heathkitnovicestations
Date: 2011-09-02 14:52:20 UTC
From: Bry Carling
Topic: 667 Message: 667

FOR SALE:

As used in the BC-684 military transmitter.

These are the closest you can get to 455 kHz in FT241 crystals and great for making i.f. filters, BFOs etc.

Quantity 7 - Channel 327 - 32.7 MHz / 454 to 455 kHz crystals, Type FT241,
and also Quantity 1 - Channel 329 - 32.9 MHz / 457 kHz

Will only sell these all as a group (all 8) for $22.00 plus shipping

ALSO:

FT243 Crystal on 2000 kHz - $14.00
FT243 Crystal on 5000 kHz - $14.00

hc13/u frequency standard (like tall hc6u metal can crystals) - $19.00 each

QTY 10 - 1843 kHz crystals - type hc33/u with wire leads (like hc6u) - $2.00 each
QTY 12 - 3742 kHz crystals, type hc6/u metal can, thin pins. - $2.00 each

Shipping additional.

Thanks for looking - Bry, AF4K

= = =
More crystals at:
http://www.af4k.com/crystals.htm

FT241 History:
http://www.ieee-uffc.org/main/history.asp?file=bottom#_Hlk390358114

668. What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-03 17:16:37 UTC
From: Dale Putnam
Topic: 668 Message: 668

My first tx was a DX-40, a S-38C, and a balanced antenna tuner, with swinging arm. Everyone is familiar with the DX-40, many know about the S-38. So what was your first Novice station?? But I had one more
piece of equipment that many may not have had.....
the swinging arm link antenna tuner was a great, wonderful, and unforgetable teacher? Oh yes, and a forcerful teacher... you either learned ... or it would absolutely teach you...
with no recourse but.....one. Learned.

I was trying out a out a newly hung 80m dipole, fed with 72ohm balanced line, from my 2nd floor bedroom. About 8 am on a Saturday morn...
Having gotten up early to sting the antenna, while my parents were still in bed... well.. that almost worked...I got the wire up... tied to the grainery,
and almost had the other end tied to the barn when Dad found me... just about sunup.... all was well, I hadn't broke anything, and had it high enough to
clear the combine, and trucks, so he was good with it. The only thing he wasn't entirely happy with was the screen had somehow, come off my bedroom window...
and there was a string hanging down.... hmmm... how'd that happen? But onward and... the key word here..UPWARD. The feedline tied to the string and pulled in, then stripped and attaced to the tuner. Alrighty then. Sun not real high yet, and lets see, lets see about how this tunes... dip this, peak there, dip the plate, check the grid,
stop!... let it cool....don't want to hurt the final... no spares. ok.. back at it.. peak the tuner... oh oh.. the knob on the link slips.. screwdriver.. don't fit.. nutz..
ok... I'll just tweak it with my finger on the link... move it a little, key, unkey, a little, key, unkey, a little, key, a little.. Ouch,... unkey... THAT BURNS!.. the smell... ugh! the pain.. ugh! THE HOLE! yeah! a hole in my finger, now surrounded by an odd colored white turning to brown, and pretty much filled to overflowing with pain.
Didn't know pain was that solid? Well... rf burns... and the resultant pain is a grand and wonderous but firm and unrelenting teacher's effect. So, never more, one agrees wholehearedly, to never, never, ever touch anything that is even remotely connected to a keyed transmitter. NEVER!

and that, is how an antenna tuner becomes a life lesson teacher.

--... ...-- Dale - WC7S in Wy

669. Re: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-03 17:38:56 UTC
From: Ray
Topic: 668 Message: 669

great story Dale. My novicer station was a Globe Chief and Hallicrafters S85 receiver that I had been using for swl'ing. The antenna was a single wire feed 80 meter Windom up about 70 feet in south Georgia pine trees. No tuner but the output circuit in the Chief was forgiving enough that it would tune the Windom without a tuner. Worked a lkot of stations and after getting my Conditional, a Heising modulator handled the audio job pretty well. A number of my friends in 1956/57 era had the DX-35 and DX 40 transmitters. A variety of receivers were used, one even had a Heath AR3.

Ray, W5XE
"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op USAFSS,kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115,ESX cw 016
ARCI-5784 fp #111 SKCC-1486 NCT2R El Paso,(FAR WEST)TEXAS

670. Re: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-03 18:19:23 UTC
From: WØQFC
Topic: 668 Message: 670

My first station in 1953 as WN?QFC was a HB 8?7/6AG7 into a dipole.

Don't remember what the RX was - maybe a S-40. . . .

One Sunday morning (After being up very late Saturday night working CW on 40) I went in the back yard and found that my dipole had come down and was on the ground with the feed line still attached. The surprising thing was that I had made lots of contacts across the US with the ant on the ground!

Gene, W?QFC
Spring Hill FL

671. Re: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-03 19:15:56 UTC
From: lee
Topic: 668 Message: 671

I had almost the same thing in 1953 as WN9DRC. However, the transmitter was an Eldico TR-75-TV which also had a 6AG7/807 into a dipole. My receiver was a Hallicrafters S-38C.

Lee, w0vt

My first station in 1953 as WNØQFC was a HB 8Ø7/6AG7 into a dipole.

Don't remember what the RX was - maybe a S-40. . . .

One Sunday morning (After being up very late Saturday night working CW on 40) I went in the back yard and found that my dipole had come down and was on the ground with the feed line still attached. The surprising thing was that I had made lots of contacts across the US with the ant on the ground!

Gene, WØQFC
Spring Hill FL

672. Re: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-03 19:37:37 UTC
From: Carl
Topic: 668 Message: 672

It started with a HB regen that I had built a few years earlier and learned CW. The TX was a 6AG7/6L6 out of a 49 HB. This was in Nov 1955.

A bit later a BC-454 and 455 replaced the regen and later a HQ-129X. A TBS-50 replaced the homebrew and got me on 15M. That later went mobile when I got the General and a drivers license and car.

Carl
KM1H

----- Original Message -----
From: Dale Putnam
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, September 03, 2011 1:16 PM
Subject: [heathkitnovicestations] What was your novice station?

My first tx was a DX-40, a S-38C, and a balanced antenna tuner, with swinging arm.
Everyone is familiar with the DX-40, many know about the S-38. So what was your first Novice station?? But I had one more
piece of equipment that many may not have had.....
the swinging arm link antenna tuner was a great, wonderful, and unforgetable teacher?
Oh yes, and a forcerful teacher... you either learned ... or it would absolutely teach you...
with no recourse but.....one. Learned.

I was trying out a out a newly hung 80m dipole, fed with 72ohm balanced line, from my 2nd floor bedroom. About 8 am on a Saturday morn...
Having gotten up early to sting the antenna, while my parents were still in bed... well.. that almost worked...I got the wire up... tied to the grainery,
and almost had the other end tied to the barn when Dad found me... just about sunup.... all was well, I hadn't broke anything, and had it high enough to
clear the combine, and trucks, so he was good with it. The only thing he wasn't entirely happy with was the screen had somehow, come off my bedroom window...
and there was a string hanging down.... hmmm... how'd that happen? But onward and... the key word here..UPWARD. The feedline tied to the string and pulled in, then stripped and attaced to the tuner. Alrighty then. Sun not real high yet, and lets see, lets see about how this tunes... dip this, peak there, dip the plate, check the grid,
stop!... let it cool....don't want to hurt the final... no spares. ok.. back at it.. peak the tuner... oh oh.. the knob on the link slips.. screwdriver.. don't fit.. nutz..
ok... I'll just tweak it with my finger on the link... move it a little, key, unkey, a little, key, unkey, a little, key, a little.. Ouch,... unkey... THAT BURNS!.. the smell... ugh! the pain.. ugh! THE HOLE! yeah! a hole in my finger, now surrounded by an odd colored white turning to brown, and pretty much filled to overflowing with pain.
Didn't know pain was that solid? Well... rf burns... and the resultant pain is a grand and wonderous but firm and unrelenting teacher's effect. So, never more, one agrees wholehearedly, to never, never, ever touch anything that is even remotely connected to a

keyed transmitter. NEVER!

and that, is how an antenna tuner becomes a life lesson teacher.

--... ...-- Dale - WC7S in Wy

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3874 - Release Date: 09/03/11

673. Re: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-03 20:00:45 UTC
From: Bob Macklin
Topic: 668 Message: 673

I had a 807/6AG7 novice transmitter out of a mid 50's handbook. this was 57/58.

The receiver was a RE-KITTED S-38 (the one with a real BFO) that was given to me. I got a lot of receiver experience reassembling it.

In 1960 I got a NC-109. I have one today.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: lee
To: heathkitnovicestations@yahoogroups.com
Cc: Ray
Sent: Saturday, September 03, 2011 12:15 PM
Subject: Re: [heathkitnovicestations] What was your novice station?

I had almost the same thing in 1953 as WN9DRC. However, the transmitter was an Eldico TR-75-TV which also had a 6AG7/807 into a dipole. My receiver was a Hallicrafters S-38C.

Lee, w0vt

My first station in 1953 as WNØQFC was a HB 8Ø7/6AG7 into a dipole.

Don't remember what the RX was - maybe a S-40. . . .

One Sunday morning (After being up very late Saturday night working CW on 40) I went in the back yard and found that my dipole had come down and was on the ground with the feed line still attached. The surprising thing was that I had made lots of contacts across the US with the ant on the ground!

Gene, WØQFC
Spring Hill FL

674. RE: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-03 20:35:07 UTC
From: Bruce & Bonnie Rattray
Topic: 668 Message: 674

Hi Dale, that was very interesting. My xyl and I were living in an apartment building when I was first licensed as VE3FCH. My first station was a G5RV strung across the roof of the building. The "rig" was a homebrewed 6L6 transmitter on an iron chassis and an R1155A receiver using a homebrewed power supply. 73 Bruce ve5rc

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Dale Putnam
Sent: September 3, 2011 11:17 AM
To: heathkitnovicestations@yahoogroups.com
Subject: [heathkitnovicestations] What was your novice station?

My first tx was a DX-40, a S-38C, and a balanced antenna tuner, with swinging arm.
Everyone is familiar with the DX-40, many know about the S-38. So what was your first Novice station?? But I had one more
piece of equipment that many may not have had.....
the swinging arm link antenna tuner was a great, wonderful, and unforgetable teacher?
Oh yes, and a forcerful teacher... you either learned ... or it would absolutely teach you...
with no recourse but.....one. Learned.

675. FS: Three 160m crystals $3.50

Yahoo group: heathkitnovicestations
Date: 2011-09-04 17:14:16 UTC
From: Bry Carling
Topic: 675 Message: 675

FOR SALE: Three 160m crystals type hc6u

1801 kHz, 1843 kHz, 1942 kHz

Available for $3.50 each, but makes more sense to take all three for $10.00 plus shipping.

These look to be brand new and unused. Please contact me off the list.

More crystals here:
http://www.af4k.com/crystals.htm

73 - Bry Carling, AF4K

676. RE: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-05 21:14:54 UTC
From: JAMES HANLON
Topic: 668 Message: 676

I passed my Novice and Technician tests in February, 1952, and I became Wn4VIV and W4VIV shortly thereafter. My transmitter started off as a 6C4 pierce oscillator driving a 2E26 and by a few months later it morphed into a 6AG7 tri-tet driving a 6146 and built into the shell of a TU-5B BC375 tuning unit. I recently recreated it using a few of the original parts including the original CS-48 outside case - but it has a grid-plate oscillator this time. Maybe I'll go back to the tri-tet one of these days. My receiver was an HRO-50. I still have it, and it is still one of the best. I had a Bliley AX2 crystal on 3702.3 Kc, and I was one of the closest signals to the bottom of the band. My antenna was a 134 foot center fed zepp and I tuned it with a National MB-40 all-band tank. I also loaded it up on 27.0 Mc, tripling from a 9 Mc crystal. I am still using the power transformers from that novice rig in my Classic shack out in the garage.

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: daleputnam@...
Date: Sat, 3 Sep 2011 11:16:37 -0600
Subject: [heathkitnovicestations] What was your novice station?

My first tx was a DX-40, a S-38C, and a balanced antenna tuner, with swinging arm. Everyone is familiar with the DX-40, many know about the S-38. So what was your first Novice station?? But I had one more
piece of equipment that many may not have had.....
the swinging arm link antenna tuner was a great, wonderful, and unforgetable teacher? Oh yes, and a forcerful teacher... you either learned ... or it would absolutely teach you...
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Having gotten up early to sting the antenna, while my parents were still in bed... well.. that almost worked...I got the wire up... tied to the grainery,
and almost had the other end tied to the barn when Dad found me... just about sunup.... all was well, I hadn't broke anything, and had it high enough to
clear the combine, and trucks, so he was good with it. The only thing he wasn't entirely happy with was the screen had somehow, come off my bedroom window...
and there was a string hanging down.... hmmm... how'd that happen? But onward and... the key word here..UPWARD. The feedline tied to the string and pulled in, then stripped and attaced to the tuner. Alrighty then. Sun not real high yet, and lets see, lets see about how this tunes... dip this, peak there, dip the plate, check the grid,
stop!... let it cool....don't want to hurt the final... no spares. ok.. back at it.. peak the tuner... oh oh.. the knob on the link slips.. screwdriver.. don't fit.. nutz..
ok... I'll just tweak it with my finger on the link... move it a little, key, unkey, a little, key, unkey, a little, key, a little.. Ouch,... unkey... THAT BURNS!.. the smell... ugh! the pain.. ugh! THE HOLE! yeah! a hole in my finger, now surrounded by an odd colored white turning to brown, and pretty much filled to overflowing with pain.

Didn't know pain was that solid? Well... rf burns... and the resultant pain is a grand and wonderous but firm and unrelenting teacher's effect. So, never more, one agrees wholehearedly, to never, never, ever touch anything that is even remotely connected to a keyed transmitter. NEVER!

and that, is how an antenna tuner becomes a life lesson teacher.

--... ...-- Dale - WC7S in Wy

677. Re: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-05 21:31:17 UTC
From: Carl
Topic: 668 Message: 677

I havent had any interest in recreating my Novice station, Ive hated crystal control ever since! It wasnt too bad for 6 and 2M AM since I couldnt build a stable VFO back then (-;

I did recreate one of my early General stations from 1957. A Viking I with 122 VFO, HQ-129X with BC-453 Q-5er and a pair of 250TH's which are now parallel instead of PP and the modulators are 304TL's instead of 810's.

I still need a 4-1000 chimney to recreate another TX which was driven by a Meissner EX Signal Shifter and also used 810 modulators and could also be switched to SSB later with a 20A and BC-458 VFO.

Those were fun days at or near the peak of Cycle 19.

Carl
KM1H

----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations
Sent: Monday, September 05, 2011 5:14 PM
Subject: RE: [heathkitnovicestations] What was your novice station?

I passed my Novice and Technician tests in February, 1952, and I became Wn4VIV and W4VIV shortly thereafter. My transmitter started off as a 6C4 pierce oscillator driving a 2E26 and by a few months later it morphed into a 6AG7 tri-tet driving a 6146 and built into the shell of a TU-5B BC375 tuning unit. I recently recreated it using a few of the original parts including the original CS-48 outside case - but it has a grid-plate oscillator this time. Maybe I'll go back to the tri-tet one of these days. My receiver was an HRO-50. I still have it, and it is still one of the best. I had a Bliley AX2 crystal on 3702.3 Kc, and I was one of the closest signals to the bottom of the band. My antenna was a 134 foot center fed zepp and I tuned it with a National MB-40 all-band tank. I also loaded it up on 27.0 Mc, tripling from a 9 Mc crystal. I am still using the power transformers from that novice rig in my Classic shack out in the garage.

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: daleputnam@...
Date: Sat, 3 Sep 2011 11:16:37 -0600
Subject: [heathkitnovicestations] What was your novice station?

My first tx was a DX-40, a S-38C, and a balanced antenna tuner, with swinging arm.
Everyone is familiar with the DX-40, many know about the S-38. So what was your first Novice station?? But I had one more
piece of equipment that many may not have had.....
the swinging arm link antenna tuner was a great, wonderful, and unforgetable teacher?

Oh yes, and a forcerful teacher... you either learned ... or it would absolutely teach you...
with no recourse but.....one. Learned.

I was trying out a out a newly hung 80m dipole, fed with 72ohm balanced line, from my 2nd floor bedroom. About 8 am on a Saturday morn...
Having gotten up early to sting the antenna, while my parents were still in bed... well.. that almost worked...I got the wire up... tied to the grainery,
and almost had the other end tied to the barn when Dad found me... just about sunup.... all was well, I hadn't broke anything, and had it high enough to
clear the combine, and trucks, so he was good with it. The only thing he wasn't entirely happy with was the screen had somehow, come off my bedroom window...
and there was a string hanging down.... hmmm... how'd that happen? But onward and... the key word here..UPWARD. The feedline tied to the string and pulled in, then stripped and attaced to the tuner. Alrighty then. Sun not real high yet, and lets see, lets see about how this tunes... dip this, peak there, dip the plate, check the grid,
stop!... let it cool....don't want to hurt the final... no spares. ok.. back at it.. peak the tuner... oh oh.. the knob on the link slips.. screwdriver.. don't fit.. nutz..
ok... I'll just tweak it with my finger on the link... move it a little, key, unkey, a little, key, unkey, a little, key, a little.. Ouch,... unkey... THAT BURNS!.. the smell... ugh! the pain.. ugh! THE HOLE! yeah! a hole in my finger, now surrounded by an odd colored white turning to brown, and pretty much filled to overflowing with pain.
Didn't know pain was that solid? Well... rf burns... and the resultant pain is a grand and wonderous but firm and unrelenting teacher's effect. So, never more, one agrees wholehearedly, to never, never, ever touch anything that is even remotely connected to a keyed transmitter. NEVER!

and that, is how an antenna tuner becomes a life lesson teacher.

--... ...-- Dale - WC7S in Wy

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3878 - Release Date: 09/05/11

678. Re: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-08 03:39:45 UTC
From: James Barrie
Topic: 668 Message: 678

WN8SDF was DX-20 and at first a BC312 that I traded in at Coston's +
$25 for an HR-10.
I have no desire to recreate WN8SDF with another DX-20 and HR-10,
since I still own the original station.
73
jim
WA8SDF

>

679. Re: [heathkitnovicestations] What was your novice station?

Yahoo group: heathkitnovicestations
Date: 2011-09-08 22:19:13 UTC
From: Don Sanders
Topic: 668 Message: 679

My first novice station was a 6L6 one tube Tx I built and a ARC-5 Rx for 40 and 80 meters.
Had a lot of fun with that setup.
Second station was a SX 99 and DX35. My father advanced me the money when the DX35
first came out and then the SX100 a couple months later.
I paid him back in a year with my paper route savings.
I converted a SCR 522 surplus to 2 meter AM and worked 14 states East of the Missisippi
with the two stacked 8 element beams I built.
Back in 1955 to 1958 the bands were HOT and I worked lots of DX on 40, 15 and 10 meters
with my 40 meter dipole and 10 meter WonderBar antennas.

Dr Don W4BWS

680. FS: Antenna Selector Switch

Yahoo group: heathkitnovicestations
Date: 2011-09-09 20:15:01 UTC
From: Bry Carling
Topic: 680 Message: 680

FOR SALE: Antenna Selector Switch

Phasing switch used for selecting XMTR - AUX - HORIZONTAL - VERTICAL
Has four SO-239 connectors. Perhaps used with a Moonraker or similar
antenna. $5.00 plus shipping

681. HEATHKIT IS BACK In The Kit Business!

Yahoo group: heathkitnovicestations
Date: 2011-09-10 02:41:51 UTC
From: Steven C
Topic: 681 Message: 681

All,

Any comments on

http://www.heathkit.com/index.php?option=com_content&view=article&id=120&Itemid=233

?

Thank you and best regards,

Steven

682. FS: $1.00 ham band crystals

Yahoo group: heathkitnovicestations
Date: 2011-09-14 22:21:53 UTC
From: Bry Carling
Topic: 682 Message: 682

FOR SALE: $1.00 ham band crystals etc.
Limited quantities. Please consider buying 4 or more to make the shipping costs worthwhile.

1942 kHz - Type hc6u crystals - QTY 2 available

3547 kHz hc33u crystals (same as hc6u with wire leads) - QTY 10 available

3579 kHz hc33u crystals (same as hc6u with wire leads) - QTY 4 available

7072 kHz - Type hc6u crystal - QTY 1 available

7094 kHz - Type hc6u crystal - QTY 1 available

The above are all just $1.00 each.

Also available:

1835 kHz - Type hc6u crystal - QTY 1 available for $6.00

7050 kHz - Type hc6u crystal - QTY 1 available for $6.00

13.600 MHz Drake crystal - Type hc6u crystal - QTY 1 available for $9.00

Shipping additional for each of these. Combine to save on shipping.

73 & thanks for looking - Bry, AF4K

683. FS: Amateur Band FT243 crystals

Yahoo group: heathkitnovicestations
Date: 2011-09-22 12:36:04 UTC
From: Bry Carling
Topic: 683 Message: 683

FOR SALE: Amateur Band FT243 crystals

1810, 1815, 1822, 1825, 1843, 1848, 1856, 1869, 1880, 1885 kHz

3500, 3505, 3515, 3520, 3530, 3540, 3552, 3555, 3579, 3582, 3600, 3615, 3645 kHz

7000, 7010, 7011, 7014, 7015, 7018, 7025, 7030, 7032, 7040, 7044, 7050, 7047, 7058, 7060 kHz

7100, 7107, 7110, 7114, 7120, 7123, 7125, 7143, 7146, 7150, 7175, 7200, 7290, 7293, 7295 kHz

The above are all available for $14.00 each and I have 4 or 5 left on most frequencies listed.

Many others available - lists at:

http://www.af4k.com/crystals.htm

Reply by e-mail to arrange purchase.

73 - Bry, AF4K

684. FS: FT243 crystals (older)

Yahoo group: heathkitnovicestations
Date: 2011-09-24 16:24:36 UTC
From: Bry Carling
Topic: 684 Message: 684

FS: Several older, original WW2 - 1950s era ham band FT243 crystals in the
old popular brands: Bliley, JK, PR, JAN, Monwatt, MP, Standard Piezo, Quartz Prod. etc.

1896.5, 1940, 1955, 1977.5, 3701, 3740 kHz

7000, 7006, 7125, 7140, 7150, 7152, 7174, 7175 kHz
7190, 7194, 7200, 7207, 7209, 7225, 7238, 7249 kHz

8375, 8400, 8425 kHz

Most of these I have one each, and a few I have two or three available.
Inquire. These are available for $14.00 each plus shipping.

73 & thanks for looking,

Bry, AF4K

685. FS: 460 kHz Lattice FIlter Crystals

Yahoo group: heathkitnovicestations
Date: 2011-09-26 20:15:27 UTC
From: Bry Carling
Topic: 685 Message: 685

FOR SALE: Group of 460 kHz range Lattice Filter Crystals

These are FT241 crystals, in excellent condition.

QTY 5 - CHANNEL 49 = 461 kHz
QTY 3 - CHANNEL 50 = 463 kHz
Great for a homebrew lattice filter or other LF applications.

Will sell all (8) crystals for $20.00 plus shipping

Thanks & 73 - Bry, AF4K

686. RE: DX-100 Ideas

Yahoo group: heathkitnovicestations
Date: 2011-09-29 09:32:55 UTC
From: Bry Carling
Topic: 686 Message: 686

Most replacement caps will not fit under the DX100 chassis.

I have an original Heathkit one if you need a replacement.

I also have rplacement parts for almost amything you could need for a
Heathkit DX100 - all the transformers, choke VFO, tubes, knobs, crystals,
variable caps, switches, meter, front panel, a shiny chassis too (yes!)

Just let me know what you need and we will arrange something suitable to get that
rig in perfect shape..

On 29 Sep 2011 at 3:38, Pigman wrote:

> First off, I built a DX-100 as a kid back in the mid 50s and have
> always had a soft place in my heart for them. That said, I need
> some ideas from you gents.
>
> A long time ago, I acquired and pretty sad looking DX-100. The
> price was right, FREE! It is all there. The front panel looks
> pretty nice. However, everything else goes down hill from there.
> It is dirty, scratched cabinet and a fairly ugly copper plated
> chassis with rust. Of course, the paper and electrolytic caps are
> most likely bad and there are probably a bunch of out of tolerence
> resistors in it too. I am thinking of radically restoring the
> transmitter.
>
> I am thinking of taking it totally apart, have the chassis pieces re
> plated, maybe make a new wiring harness and then build it up again
> with many new caps and new carbon resistors as a new kit. (I'll re
> use the temperature compensating caps and most likely the precision
> resistors and certainly the variable caps). I'll also repaint the
> cabinet as original or at least close to it. When finished, it
> should look very nice.
>
> The one thing that really bugs me is the loading cap. As a kid, I
> blew up that "stacked Heathkit home made multi-section loading cap"
> in the rig. I bought a upgrade kit from Heathkit to replace it with,
> I think, 3 or 4 new transmitting mica caps which were real
> transmitting mica caps. I think maybe Heathkit also later on sold a
> 3 section loading cap as used in the Apache to also replace this
> "stacked" mica. Of course non of these upgrade kits are offered
> today. So my question is, when I rebuild the DX-100, I don't want
> to use that old 3 section Heathkit made "stacked" loading cap. I
> know it is a poor cap to use. What do I use in it's place? Could I
> maybe find a 3 section 365pf variable and put it in there? Will it
> fit? I'm wondering what others have done when faced with this

> problem. I would even consider using the fixed transmitting caps as
> used in one of Heath's upgrade kits if I could find them. (200pf,
> 400 pf, 600 pf, and 800 pf). I just hate to think of using that
> "stacked" home made loading cap Heath supplied with this kit.
>
> I'd appreciate hearing from others on how they approached this weak
> link in the original DX-100 transmitter.
>
> Lee, w0vt
> Houston, TX
>
>
>
> ----------
>
> ----------
> ------
> GROUP STATEMENT: Heathkit@yahoogroups.com purpose is to promote
> Heathkit
> discussions, as well as selling/buying Heathkit items and parts, and
> providing answers to questions relating to problems and maintenance
> of
> equipment. All Heathkit
> items(Ham/Test/Audio/RC/Automotive/Computers,etc.)
> are welcome subjects.
> MEMBERSHIP: 2252 members(as of 6/28/11), with a few ex-heath
> employees).
> NOTE: Pictures and attachments to e-mail are not permitted due to
> possible
> virus's, so please post them to a website OR to the groups
> 'files'
> section for them to download OR send them direct to the group
> member.
> NOTE 2: All auction items EBAY etc., are always WELCOME to be
> advertised.
> ------Yahoo! Groups Links
>
>
>

687. FSL: 6146 tubes

Yahoo group: heathkitnovicestations
Date: 2011-10-26 18:58:30 UTC
From: Bry Carling
Topic: 687 Message: 687

For Sale:

Two pairs of good used / tested tubes. These look very good. The 6146Ws may be new, and look very nice, but have no boxes.

Pair of RCA 6146 tubes - $12.00 plus shipping

Pair G.E. 6146W tubes - $20.00 plus shipping

Thanks for looking - 73 de AF4K, Brian Carling

688. FS: Heathkit Parts

Yahoo group: heathkitnovicestations
Date: 2011-10-28 12:13:15 UTC
From: Bry Carling
Topic: 688 Message: 688

FOR SALE: Heathkit Parts

Heathkit DX100 Front panel (NOT B) - $35.00
Heathkit DX100 54-30 LV Power Transformer 634VCT 5V 120VCT 12.6V - $35.00
Heathkit DX100 46-11 LV Filter Choke 150 mA - $15.00
Heathkit DX100 pair of H.V. Electrolytic Capacitors 125 uF at 450V DC - $10.00
Heathkit DX100 - 15K + 15K Bleeder resistor, plus two 10K, 10 watt power resistors - $6.00
Heathkit DX100 - Pair of 1625 tubes - $10.00
Heathkit DX100 - 5V4 tube - $9.00
Heathkit DX100 - Some other individual tubes are still available (inquire)
Heathkit DX100 - Pair of ceramic 1625 tube sockets - $10.00
Heathkit DX100 - Pair of ceramic 6146 tube sockets - $10.00
Heathkit DX100 - Pair of ceramic 5R4GY tube sockets - $10.00
Heathkit DX100 - single ceramic 5V4 tube socket - $5.00
Heathkit DX100 - Plate tuning Capacitor, 350 pF, EF JOHNSON - $25.00
Heathkit DX100 - Output loading variable Capacitor, with concentric switch and caps - $15.00
Heathkit DX100 - PA RF Tank Coil, bandswitching - $15.00
Heathkit DX100 - RFC final Plate Choke - $10.00
Heathkit DX100 - VFO - with 6AU6 tube $25.00
Heathkit DX100 - VFO - no tube $18.00
Heathkit DX100 - CRYSTAL SOCKET ASSY - 4 positions, FT243 - $24.00
Heathkit DX100 - CHASSIS (Copper) includes about 30 smaller parts - $25.00
Heathkit DX100B - CHASSIS (silver color) includes about 30 smaller parts - $25.00
Heathkit DX100 - BANDSWITCH Assembly - $12.00
Heathkit DX100 - DRIVER COIL - Band-switching type - $12.00
Heathkit DX100 - DRIVER variable Capacitor, 75 pF - $12.00
Heathkit DX100B - 25K-ohm / 4 Watt Driver Potentiometer - $9.00
Heathkit DX100 - 25K-ohm / 4 Watt Driver Potentiometer - $9.00
Heathkit DX100 - AUDIO GAIN POTENTIOMETER - $4.00
Heathkit DX100 - VFO - with tube - $25.00
Heathkit DX100 - VFO - no tube - $18.00
Heathkit DX100 - FUNCTION SWITCH assy - AM/CW - $8.00
Heathkit DX100 - XTAL-VFO SWITCH assy - $5.00
Heathkit DX100 - METER with rotary Meter Function switch - $12.00
Heathkit DX100 - PAIR of switches: AC ON-OFF (SPST) & PLATE ON-OFF (DPDT) - $5.00
Heathkit DX100 - Microphone jack and key jack assys - $5.00
Heathkit DX100 - AC input filter assy - $5.00
Heathkit DX100 - Rear accessory socket and filters assy - $4.00

DX100 Manual copy available with any of the items above. Shipping additional on the parts.

Updates and details:
http://www.af4k.com/miscpart.htm

73 - Brian Carling, AF4K

689. Happy Veterans Day

Yahoo group: heathkitnovicestations
Date: 2011-11-11 15:31:38 UTC
From: Jeffrey Harshman
Topic: 689 Message: 689

Happy Veterans Day. To All Our Veterans Past and Present Thank You for standing, taking the oath and defending Our Great County. Job Well Done.

Jeff N2LXM
American
Patriot
Proud Father of Two U.S. Marines

690. Re: [heathkitnovicestations] Happy Veterans Day

Yahoo group: heathkitnovicestations
Date: 2011-11-11 17:18:44 UTC
From: Paul Beckwith
Topic: 689 Message: 690

AMEN!

de Paul K2LMQ

At 08:31 AM 11/11/2011, you wrote:
>
>
>Happy Veterans Day. To All Our Veterans Past and Present Thank You
>for standing, taking the oath and defending Our Great County. Job Well Done.
>
>Jeff N2LXM
>American
>Patriot
>Proud Father of Two U.S. Marines
>
>_

691. FS: 32 New Electrolytic Caps

Yahoo group: heathkitnovicestations
Date: 2011-11-24 14:47:10 UTC
From: Bry Carling
Topic: 691 Message: 691

FOR SALE: QTY 32 - New Electrolytic Caps, radial leads.

QTY - Capacitance / DC Voltage

1 - 10 uF / 400V
1 - 33 uF / 350V
13 - 33 uF / 400V
1 - 47uF / 400V
4 - 47 uF / 450V
4 - 82 uF / 400V
2 - 220uF / 400V
3 - 270uF / 200V
2 - 330uF / 63V
1 - 470uF / 63V

Total of 32 new capacitors, great for amateur radio and other electronic applications.

Will sell the whole box for $12.00 plus shipping

73 - Brian, AF4K

692. Re: [heathkitnovicestations] FS: 32 New Electrolytic Caps

Yahoo group: heathkitnovicestations
Date: 2011-11-24 16:40:02 UTC
From: K1NV
Topic: 691 Message: 692

That sounds like a deal, Bry. I'll take them if still availalble.

Jon, K1NV

On 11/24/2011 6:47 AM, Bry Carling wrote:
>
> FOR SALE: QTY 32 - New Electrolytic Caps, radial leads.
>
> QTY - Capacitance / DC Voltage
>
> 1 - 10 uF / 400V
> 1 - 33 uF / 350V
> 13 - 33 uF / 400V
> 1 - 47uF / 400V
> 4 - 47 uF / 450V
> 4 - 82 uF / 400V
> 2 - 220uF / 400V
> 3 - 270uF / 200V
> 2 - 330uF / 63V
> 1 - 470uF / 63V
>
> Total of 32 new capacitors, great for amateur radio and other
> electronic applications.
>
> Will sell the whole box for $12.00 plus shipping
>
> 73 - Brian, AF4K
>

693. REDUCED: Heathkit DX100 parts

Yahoo group: heathkitnovicestations
Date: 2011-12-19 00:38:50 UTC
From: Bry Carling
Topic: 693 Message: 693

FOR SALE: DX100 Parts / updated list as of DEC 18, 2011

QTY 4 - 120 uF at 450V DC Capacitors

QTY 1 - 20 + 20 + 20 uF at 450V Capacitor

QTY 2 - Switch, plate ON-OFF

QTY 1 - Switch main power ON-OFF

QTY 1 - Bleeder resistor - 15 K plus 15K-ohms

QTY 2 - 10K at 10 Watts resistor

QTY 1 - Drive level potentiometer 25 K at 4 watts with shaft

QTY 1 - Ceramic feedthru and coil for underside of 6146 tube feed from driver stage.

QTY 1 - Driver coil assembly, bandswitching

QTY 4 - 1625 Plate Caps - ceramic

QTY 4 - 1625 socket, 7-pin

QTY 2 - 5U4 sockets

QTY 5 - ceramic octal socket for 5V4 tube etc.

QTY 1 - Sub-chassis for 6146 tubes with bracket, tube sockets etc.

QTY 1 - RF Final tank coil assembly

QTY 1 - Loading Variable Capacitor, 0 - 250 pF

QTY 1 - Plate Tuning Variable Capacitor, 0 - 150 pF with shaft extension

QTY 2 - Driver Tuning Variable Capacitor, 0 - 100 pF with shaft extension

QTY 3 - Mode Switch - AM, CW etc.

QTY 1 - VFO control shaft and bushing - 3/4"

QTY 2 - Meter selector switch - rotary

QTY 1 - CW Key jack

QTY 2 - Audio input jack assembly with bracket, 5 capacitors, 3 resistors, terminal strips etc.

QTY 2 - Audio Gain potentiometer for microphone input level

QTY 1 - AC Input filter assembly

QTY 2 - Accessory jack assembly with coils

QTY 2 - AC power cable with fused plug

BOX OF TUBES:
5U4 X 3
OA2 X 3
6AQ5 X 1
12BY7A X 5
5763 X 1
12AX7A X 6
12AU7A X 2
6AL5 X 2
6AU6A X 1

Various couplings, control shafts and small parts, red bezel lamp glass, etc.

2 bags of small hardware parts etc.

Several extra capacitors and odds-ends such as 0.1 uF at 600V DC caps etc.

For details and pricing - see web page:

http://www.af4k.com/miscpart.htm

73 - Brian Carling, AF4K

694. FS: Crystal Sockets

Yahoo group: heathkitnovicestations
Date: 2011-12-19 15:12:30 UTC
From: Bry Carling
Topic: 694 Message: 694

FOR SALE: Crystal Sockets

FT243 Crystal Sockets - 1/2" spacing X 0.094" diameter pins

Single FT243 Socket - two hole mount - classic style with shoulder - $8.00 each
(24 available)

Single FT243 Socket - smaller black type - single hole mount - $6.00 each
(4 available)

DUAL FT243 socket - square phenolic, Cinch, single hole mount, accepts two crystals - $10.00
(1 available)

QUAD in-line FT243 socket for multiple crystals, end to end on nice small copper subchassis - as used in DX100 - $24.00
(1 available)

HC6U Crystal Sockets - 1/2" spacing X 0.050" diameter pins
These are new ceramic sockets, single hole mount.
Available for $3.00 each or ten for $25.00 plus shipping
(60 available)

Triple hc6u socket - black or white - $5.00 each
(2 available)

Used hc6u sockets available for $2.00 each
(4 available)

CR1A (20C, DC30) crystal sockets, rare - pin spacing 0.5" and pin diameter 0.125" - for $4.00 each
(2 available)

DC34 / DC35 crystal sockets, Ceramic. rare - pin spacing 0.75" and pin diameter 0.125" - for
$4.00 each
(14 available)

DC34 / DC35 crystal sockets, Plastic. Rare - pin spacing 0.75" and pin diameter 0.125" - for
$4.00 each
(24 available)

CR-15/U Crystal socket, 3 pins New, Rare - 1-5/8" X 1-3/16" X 2" tall.
3 pins are 1/8" dia. Two are spaced 1/2" apart. third pin
is offset by 7/8" from each othe other two. $8.00 each
(2 available)

hc25 / hc50 crystal sockets, for the smaller metal can crystals, pc mount or attach wires
$2.50 each.
(5 available)

73 - Brian Carling, AF4K

695. FS: Boxes of Electrolytic Capacitors

Yahoo group: heathkitnovicestations
Date: 2011-12-20 12:45:40 UTC
From: Bry Carling
Topic: 695 Message: 695

FOR SALE: ELECTROLYTIC CAPACITORS

Mix of radial, axial, upright can - some NOS. Almost all are new.
(one or two may be good, tested caps)

BOX #1 = QTY 35 electrolytic CAPACITORS
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 4 uF at 600 V
QTY 2, 8 uF at 450 V
QTY 1, 8 + 8 uF at 450 V
QTY 2, 16 uF at 450 V
QTY 1, 125 uF at 450 V
QTY 1, 10 + 10 uF at 450 V
QTY 2, 820 uF at 450 V
QTY 1, 40 uF at 450 V
QTY 1, 68 uF at 400 V
QTY 4, 220 uF at 400V
QTY 2, 33 uF at 400V
QTY 1, 40 + 20 + 10 uF at 350 V
QTY 1, 22 uF at 350 V
QTY 1, 10 uF at 350 V
QTY 1, 100 uF at 250 V
QTY 1, 100 uF at 200 V
QTY 1, 4700 uF at 35 V
QTY 1, 4.7 uF at 35 V
QTY 2, 2200 uF at 25 V
QTY 4, 100 uF at 25 V
Total of 35 excellent capacitors for $45.00 plus $12.00 shipping

BOX #2 = QTY 40 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 16 uF at 600V
QTY 1, 0.47 uF at 600V
QTY 2, 47 uF at 450 V
QTY 1, 20 uF at 450 V
QTY 1, 10 + 10 uF at 450 V
QTY 3, 82 uF at 400 V
QTY 5, 220 uF at 400 V
QTY 1, 33 uF at 400 V
QTY 3, 0.47 uF at 400 V

QTY 1, 22 uF at 350 V
QTY 1, 3 uF at 350 V
QTY 1, 47 uF at 250 V
QTY 1, 33 uF at 250 V
QTY 1, 270 uF at 200 V
QTY 1, 100 uF at 200 V
QTY 1, 1 uF at 200 V
QTY 1, 1000 uF at 50 V
QTY 2, 2200 uF at 35 V
QTY 1, 4.7 uF at 35 V
QTY 1, 1000 uF at 25 V
QTY 5, 100 uF at 25 V
QTY 1, 2200 uF at 16 V
Total of 40 excellent capacitors for $45.00 plus $12.00 shipping

BOX #3 = QTY 30 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 16 uF at 600 V
QTY 1, 125 uF at 450 V
QTY 1, 30 uF at 450 V
QTY 1, 20 uF at 450 V
QTY 3, 16 uF at 450 V
QTY 4, 20 + 20 uF at 450 V
QTY 8, 220 uF at 400 V
QTY 3, 270 uF at 400 V
QTY 1, 82 uF at 400 V
QTY 1, 33 uF at 400 V
QTY 2, 1500 uF at 250 V
Great group of capacitors for a low price. $45.00 plus $12.00 shipping

73 - Bry, AF4K

696. Merry Christmas

Yahoo group: heathkitnovicestations
Date: 2011-12-24 02:31:35 UTC
From: Jeffrey Harshman
Topic: 696 Message: 696

From Me and My family to All of Yours, May you have a Very Merry Christmas and A Healthy New Year

697. Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 16:20:06 UTC
From: Bob
Topic: 697 Message: 697

Anyone doing any kind of NOVICE activity?

I have not been hearing much of anything here in Seattle.

I've been meaning to get my DX-60 on the bench to modify it for better T/R switching. Maybe I'll do it today!

I'd like to get some SLOW CW going on 40M between 7100 and 7125.

Bob Macklin
K5MYJ
Seattle, Wa.

PS:
I have to solve some TVI problems. RF OVERLOAD!

698. RE: [Bulk] [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 16:33:44 UTC
From: W8KZW
Topic: 697 Message: 698

Bob -

Eventually I'll get my DX-60A and Ranger restored and find my way to that piece of spectrum.

I obviously have other rigs, but it just wouldn't feel right operating in the Novice segment on anything other than a Novice transmitter!

Will probably pair the TX with an HA-350 I plan to restore as well.

.... or you might find me on my actual Novice homebrew TX / S-107 station.

Wish I had the time to do it all!

73,
Jeff
W8KZW
Near Detroit

-----Original Message-----
From: Bob [mailto:macklinbob@...]
Sent: Monday, January 02, 2012 11:20 AM
To: heathkitnovicestations@yahoogroups.com
Subject: [Bulk] [heathkitnovicestations] Novice Activity?

Anyone doing any kind of NOVICE activity?

I have not been hearing much of anything here in Seattle.

I've been meaning to get my DX-60 on the bench to modify it for better T/R switching. Maybe I'll do it today!

I'd like to get some SLOW CW going on 40M between 7100 and 7125.

Bob Macklin
K5MYJ
Seattle, Wa.

PS:
I have to solve some TVI problems. RF OVERLOAD!

699. Re: [Bulk] [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 16:53:08 UTC
From: Bob Macklin
Topic: 697 Message: 699

My current "Novice Station" is a DX-60/HG-10/HR-10 setup. But it's been a couple of years since I have used it.

My original (1957) Novice rig was a Handbook 6AG7/807 design from one of the mid 50's handbooks. The first receiver was a S-38. The second receiver was a BC-312 or BC-342.

I have not been checking much but when I have there has been no activity between 7100 and 7125.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: W8KZW
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 8:33 AM
Subject: RE: [Bulk] [heathkitnovicestations] Novice Activity?

Bob -

Eventually I'll get my DX-60A and Ranger restored and find my way to that piece of spectrum.

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Bob Macklin
K5MYJ
Seattle, Wa.

PS:
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700. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 17:45:40 UTC
From: w7dra@juno.com
Topic: 697 Message: 700
Attachments: 3 described; binary payloads are missing from this source WARC

i rerely get up to 40, but have heard lots up there espeically during the skcc events.

mike w7dra

On Mon, 02 Jan 2012 16:20:06 -0000 "Bob" <macklinbob@...> writes:

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I've been meaning to get my DX-60 on the bench to modify it for better T/R switching. Maybe I'll do it today!

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K5MYJ
Seattle, Wa.

PS:
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_____
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http://www.juno.com/freeemail?refcd=JUTAGOUT1FREM0210

701. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:15:51 UTC
From: Bob Macklin
Topic: 697 Message: 701

Mike,

The only transmitting antenna I have here in Kent is a 40M indoor dipole.

The other receiving antenna is just an indoor "LONG" wire.

I have an extremely high noise level on 80M. I am thinking about trying to buy an ANC-4 noise eliminator.

40M is usually good here but it has not been very active lately. During contests I have copied stations from the Midwest and as far as East Texas or Louisiana.

Last year during a contest I was able to copy stations in Japan and Hawaii in the morning on 40M.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 9:45 AM
Subject: Re: [heathkitnovicestations] Novice Activity?

i rerely get up to 40, but have heard lots up there espeically during the skcc events.

mike w7dra

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Bob Macklin
K5MYJ
Seattle, Wa.

PS:
I have to solve some TVI problems. RF OVERLOAD!

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702. Re:[heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:22:55 UTC
From: Paul Beckwith
Topic: 697 Message: 702

Seems as though there was more activity in the 7100-7125kHz range a
year ago. It would be nice to get some activity going. I have
crystals for 7100, 7106 and 7114kHz.

73's de Paul K2LMQ Kingman, AZ

At 09:53 AM 1/2/2012, Bob Macklin wrote:
>
>
>My current "Novice Station" is a DX-60/HG-10/HR-10 setup. But it's
>been a couple of years since I have used it.
>
>My original (1957) Novice rig was a Handbook 6AG7/807 design from
>one of the mid 50's handbooks. The first receiver was a S-38. The
>second receiver was a BC-312 or BC-342.
>
>I have not been checking much but when I have there has been no
>activity between 7100 and 7125.
>
>Bob Macklin
>K5MYJ
>Seattle, Wa.
>"Real Radios Glow In The Dark"
>----- Original Message -----
>From: <mailto:w8kzw@...>W8KZW
>To:
><mailto:heathkitnovicestations@yahoogroups.com>heathkitnovicestations@yahoogroups.com
>
>Sent: Monday, January 02, 2012 8:33 AM
>Subject: RE: [Bulk] [heathkitnovicestations] Novice Activity?
>
>Bob -
>
>Eventually I'll get my DX-60A and Ranger restored and find my way to
>that piece of spectrum.
>
>I obviously have other rigs, but it just wouldn't feel right
>operating in the Novice segment on anything other than a Novice transmitter!
>
>Will probably pair the TX with an HA-350 I plan to restore as well.
>
>.... or you might find me on my actual Novice homebrew TX / S-107 station.
>
>Wish I had the time to do it all!
>

```
>73,
>Jeff
>W8KZW
>Near Detroit
>
```

703. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:29:55 UTC
From: Don Sanders
Topic: 697 Message: 703

Maybe a 33 foot open ended 300 ohm stub on the antenna input terminals?or a
1/4 wave X VF coax stub.
I'll be happy to try contacts at 10 to 15 WPM. I fall asleep between
letters at lower than 10 WPM.

BTW, if those learning code are not listening to the W1AW code practice
runs they are missing a good
opportunity for listening and learning.
Also sending on a keyer in code practice mode along with W1AW can improve
sending.
Then copy your sending on a tape recorder, play it back, and practice until
you sound like W1AW.
Those you work on the air will appreciate your practice.

Yes I did those things 60+ years ago to learn code.
I still copy the 25 and up practice to keep my speed up. Why?
Because I don't use a code reader or send with a computer.
I do it the hard way. Its my kind of fun.
You May Do IT Differently, Thats OK.

Dr Don HC4/W4BWS

On Mon, Jan 2, 2012 at 11:20 AM, Bob <macklinbob@...> wrote:

> **
>
>
> Anyone doing any kind of NOVICE activity?
>
> I have not been hearing much of anything here in Seattle.
>
> I've been meaning to get my DX-60 on the bench to modify it for better T/R
> switching. Maybe I'll do it today!
>
> I'd like to get some SLOW CW going on 40M between 7100 and 7125.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
>
> PS:
> I have to solve some TVI problems. RF OVERLOAD!
>
>
>

704. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:32:59 UTC
From: w7dra@juno.com
Topic: 697 Message: 704
Attachments: 3 described; binary payloads are missing from this source WARC

I will see if I can get the 40 meter "worm warmer" working today and be able to operate this evening about 0600z (SP400, ARC5 VFO, globechief 90 exciter 304 TH final to a dipole antenna)

a good exercise, should turn the rig on every now and then, be up there somewhere (7100+). other than comparing freq to one of my xtals i have no way of determining my actual frequency

mike

On Mon, 2 Jan 2012 10:15:51 -0800 Bob Macklin <macklinbob@...>
writes:

Mike,

The only transmitting antenna I have here in Kent is a 40M indoor dipole.

The other receiving antenna is just an indoor "LONG" wire.

I have an extremely high noise level on 80M. I am thinking about trying to buy an ANC-4 noise eliminator.

40M is usually good here but it has not been very active lately. During contests I have copied stations from the Midwest and as far as East Texas or Louisiana.

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Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 9:45 AM
Subject: Re: [heathkitnovicestations] Novice Activity?

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http://thirdpartyoffers.juno.com/TGL3141/4f01f8969977e10b3e60st05vuc

705. Re: Re:[heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:38:08 UTC
From: Bob Macklin
Topic: 697 Message: 705

I've got the DX-60 on the bench to complete the T/R switching wiring.

In the "OLD DAYS" of xtal control no one was on the same frequency! Send CQ then tune around.

Right now I can listen with one of several receivers. The Drake R4A seems to be the most sensitive.

Does anyone want to try starting some regular activity between 7100 and 7125?

We can go as high as 7150 if there is no SSB operating there.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Paul Beckwith
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 10:22 AM
Subject: Re:[heathkitnovicestations] Novice Activity?

Seems as though there was more activity in the 7100-7125kHz range a year ago. It would be nice to get some activity going. I have crystals for 7100, 7106 and 7114kHz.

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Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----

From: W8KZW

To: heathkitnovicestations@yahoogroups.com

Sent: Monday, January 02, 2012 8:33 AM

Subject: RE: [Bulk] [heathkitnovicestations] Novice Activity?

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.... or you might find me on my actual Novice homebrew TX / S-107 station.

Wish I had the time to do it all!

73,

Jeff

W8KZW

Near Detroit

706. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:39:11 UTC
From: Don Sanders
Topic: 697 Message: 706

Bob, I forgot you live in one of the multifamily impounds with no antennas.
several fellows on the CW-0DX-Homebrew list have been reporting good
results with 3 and 4 foot diameter indoor loops on 40 and 20.
Perhaps one of these loops would work for indoors. Just a thought.
Dr Don HC4/W4BWS

707. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:41:48 UTC
From: Bob Macklin
Topic: 697 Message: 707

W1AW does not make it to Seattle very often. But I have the ARRL practice tapes. I was up to about 10WPM a few years ago but now I have to start over.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Don Sanders
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 10:29 AM
Subject: Re: [heathkitnovicestations] Novice Activity?

Maybe a 33 foot open ended 300 ohm stub on the antenna input terminals?or a 1/4 wave X VF coax stub.
I'll be happy to try contacts at 10 to 15 WPM. I fall asleep between letters at lower than 10 WPM.

BTW, if those learning code are not listening to the W1AW code practice runs they are missing a good
opportunity for listening and learning.
Also sending on a keyer in code practice mode along with W1AW can improve sending.
Then copy your sending on a tape recorder, play it back, and practice until you sound like W1AW.
Those you work on the air will appreciate your practice.

Yes I did those things 60+ years ago to learn code.
I still copy the 25 and up practice to keep my speed up. Why?
Because I don't use a code reader or send with a computer.
I do it the hard way. Its my kind of fun.
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K5MYJ
Seattle, Wa.

PS:
I have to solve some TVI problems. RF OVERLOAD!

708. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:49:14 UTC
From: Bob Macklin
Topic: 697 Message: 708

Send a message on this list if you want to try operating. I will listen and give reports here until I get the DX-60 fixed.

I also have to try and fix the RFI problem.

I live in a "Retirement Closet". At least it is on the 4th floor. We have Comcast cable TV. A couple years ago they switched to digital cable and gave us converter boxes. I even have to use that box to feed a new TV that is digital capable. The SB-401 really gets to that box. You can watch the digital signal break up as power output is increased.

I have a MFJ high pass TVI filter coming. When it gets here (by the end of this week I hope) I will see if it helps. I have thought of some other things to try in the mean time.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 10:32 AM
Subject: Re: [heathkitnovicestations] Novice Activity?

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mike

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K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 9:45 AM
Subject: Re: [heathkitnovicestations] Novice Activity?

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Seattle, Wa.

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709. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 18:57:14 UTC
From: Bob Macklin
Topic: 697 Message: 709

When there is activity on 40M (read contests) this antenna seems to do pretty good. I consider anything like the Mississippi River to Seattle to be good.

The antenna starts in the SE corner of my "CLOSET" and goes West about 18' then bends North. The other leg starting in the SW corner goes North 20' then goes West. This gives me both an E/W and N/S path.

My living room window faces South. It's a 6' by 4' window. I have considered making a loop that will fit in that window. Maybe I'll try it this Spring.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Don Sanders
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 10:39 AM
Subject: Re: [heathkitnovicestations] Novice Activity?

Bob, I forgot you live in one of the multifamily impounds with no antennas.
several fellows on the CW-0DX-Homebrew list have been reporting good
results with 3 and 4 foot diameter indoor loops on 40 and 20.
Perhaps one of these loops would work for indoors. Just a thought.
Dr Don HC4/W4BWS

710. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 19:23:26 UTC
From: Don Sanders
Topic: 697 Message: 710

Bob, I forgot you live in one of the multifamily impounds with no antennas. several fellows on the CW-0DX-Homebrew list have been reporting good results with 3 and 4 foot diameter indoor loops on 40 and 20. Perhaps one of these loops would work for you indoors. Just a thought.
Dr Don HC4/W4BWS

711. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 19:35:25 UTC
From: Bob Macklin
Topic: 697 Message: 711

Don,

Where is this list?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Don Sanders
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 11:23 AM
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Dr Don HC4/W4BWS

712. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 20:11:24 UTC
From: Don Sanders
Topic: 697 Message: 712

The list is a Yahoo group. CW-QRP-HOMEBREW.
Many fellows from US and foreign.
Lots of info on mag loops and other interesting things.
The title gives a clue !
There are a lot of info in the files and links on the site.
Many have 3 to 4 foot loops on the air now.

I am figuring how to build a small 10 to 50 or 60 pf var cap with parallel
coax stubs
for additional capacity to tune a 7 meter long (8 foot diameter) coax loop
for 40 and 30 meters.
Just no var caps available here in the outback, HoHo.

Good luck.

Dr Don HC4/W4BWS

On Mon, Jan 2, 2012 at 2:35 PM, Bob Macklin <macklinbob@...> wrote:

> **
>
>
> **
> Don,
>
> Where is this list?
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> *From:* Don Sanders <w4bws1@...>
> *To:* heathkitnovicestations@yahoogroups.com
> *Sent:* Monday, January 02, 2012 11:23 AM
> *Subject:* Re: [heathkitnovicestations] Novice Activity?
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> Bob, I forgot you live in one of the multifamily impounds with no antennas.
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> Dr Don HC4/W4BWS
>
>
>

713. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 20:19:36 UTC
From: Bob Macklin
Topic: 697 Message: 713

I still have not been able to find the group.

Can you send a link to it?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Don Sanders
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 12:11 PM
Subject: Re: [heathkitnovicestations] Novice Activity?

The list is a Yahoo group. CW-QRP-HOMEBREW.
Many fellows from US and foreign.
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Many have 3 to 4 foot loops on the air now.

I am figuring how to build a small 10 to 50 or 60 pf var cap with parallel coax stubs for additional capacity to tune a 7 meter long (8 foot diameter) coax loop for 40 and 30 meters.
Just no var caps available here in the outback, HoHo.

Good luck.

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Where is this list?

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714. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 21:05:47 UTC
From: Don Sanders
Topic: 697 Message: 714

Yes, Bob. Try http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/

On Mon, Jan 2, 2012 at 3:19 PM, Bob Macklin <macklinbob@...> wrote:

> **
>
>
> **
> I still have not been able to find the group.
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> Can you send a link to it?
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> Bob Macklin
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> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
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> *From:* Don Sanders <w4bws1@gmail.com>
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> *Sent:* Monday, January 02, 2012 12:11 PM
> *Subject:* Re: [heathkitnovicestations] Novice Activity?
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> Lots of info on mag loops and other interesting things.
> The title gives a clue !
> There are a lot of info in the files and links on the site.
> Many have 3 to 4 foot loops on the air now.
>
> I am figuring how to build a small 10 to 50 or 60 pf var cap with parallel
> coax stubs
> for additional capacity to tune a 7 meter long (8 foot diameter) coax loop
> for 40 and 30 meters.
> Just no var caps available here in the outback, HoHo.
>
> Good luck.
>
> Dr Don HC4/W4BWS
>
> On Mon, Jan 2, 2012 at 2:35 PM, Bob Macklin <macklinbob@...> wrote:
>
>> **
>>

>>
>> **
>> Don,
>>
>> Where is this list?
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>>
>> ----- Original Message -----
>> *From:* Don Sanders <w4bws1@...>
>> *To:* heathkitnovicestations@yahoogroups.com
>> *Sent:* Monday, January 02, 2012 11:23 AM
>> *Subject:* Re: [heathkitnovicestations] Novice Activity?
>>
>> Bob, I forgot you live in one of the multifamily impounds with no
>> antennas.
>> several fellows on the CW-0DX-Homebrew list have been reporting good
>> results with 3 and 4 foot diameter indoor loops on 40 and 20. Perhaps one
>> of these loops would work for you indoors. Just a thought.
>> Dr Don HC4/W4BWS
>>
>>
>
>

715. Re: [heathkitnovicestations] Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2012-01-02 21:57:20 UTC
From: Bob Macklin
Topic: 697 Message: 715

Thanks!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Don Sanders
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 1:05 PM
Subject: Re: [heathkitnovicestations] Novice Activity?

Yes, Bob. Try http://groups.yahoo.com/group/CW-QRP-HOMEBREWERS/

On Mon, Jan 2, 2012 at 3:19 PM, Bob Macklin <macklinbob@...> wrote:

I still have not been able to find the group.

Can you send a link to it?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Don Sanders
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 12:11 PM
Subject: Re: [heathkitnovicestations] Novice Activity?

The list is a Yahoo group. CW-QRP-HOMEBREW.
Many fellows from US and foreign.
Lots of info on mag loops and other interesting things.
The title gives a clue !
There are a lot of info in the files and links on the site.
Many have 3 to 4 foot loops on the air now.

I am figuring how to build a small 10 to 50 or 60 pf var cap with parallel coax stubs for additional capacity to tune a 7 meter long (8 foot diameter) coax loop for 40 and 30 meters.
Just no var caps available here in the outback, HoHo.

Good luck.

Dr Don HC4/W4BWS

On Mon, Jan 2, 2012 at 2:35 PM, Bob Macklin <macklinbob@...> wrote:

Don,

Where is this list?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Don Sanders
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, January 02, 2012 11:23 AM
Subject: Re: [heathkitnovicestations] Novice Activity?

Bob, I forgot you live in one of the multifamily impounds with no antennas.
several fellows on the CW-0DX-Homebrew list have been reporting good results with 3 and 4 foot diameter indoor loops on 40 and 20. Perhaps one of these loops would work for you indoors. Just a thought.
Dr Don HC4/W4BWS

716. FS: Heathkit test equipment - GDO

Yahoo group: heathkitnovicestations
Date: 2012-01-14 15:48:47 UTC
From: Bry Carling
Topic: 716 Message: 716

FOR SALE: Two complete Heathkit Grid Dip Oscillator sets:

1) Heathkit GD1A - covers 2.0 - 250.0 MHz. in above average condition, with all 5 of the coils
in their original box. Used to determine the resonant frequency of tuned circuits, antennas etc.
Also useful for aligning receivers, transmitters etc. The lower range can be extended down to 350 kHz. with an optional coil (not included) as described in the manual. 120V AC operation. Manual included - a copy of the original 21 page manual with schematic.
Exceptionally nice, works great - available for $50.00 plus shipping
(photos available)

2) Heathkit HD1250 Solid State Dip Meter in excellent condition with all 7 coils in great shape, covering 1.6 MHz to 260.0 MHz. Used to determine the resonant frequency of tuned circuits, antennas etc. Also useful for aligning receivers, transmitters etc.
This one includes the nice plastic carry caseand is all in excellent shape. Looks great.
Uses a standard 9V DC battery. Works fine as it should and is an exceptionally nice set.
Includes a copy of the 76 page manual with schematic (pdf).
Available for $50.00 plus shipping.
(photos available)

See:
http://www.heathkit.nu/heathkit_nu_HD-1250.html

717. FS: Drake DC4 Power Supply

Yahoo group: heathkitnovicestations
Date: 2012-01-14 16:04:05 UTC
From: Bry Carling
Topic: 717 Message: 717

FOR SALE: Drake DC4 Power Supply
Ideal for running the R.L. DRAKE 4-line Radios from 13.8V DC power source. Provides all of the voltages needed to run a Drake TR4, R4A, R4B, R4C or T4X etc. Also has a 110V AC outlet.

Extra nice condition. Looks far better than most I have seen. Comes with a copy of the manual. Includes a mating 10-pin connector, no cable, but easy to deal with the connections. Very nice condition.
Available for $65.00 plus shipping
(photo available)

718. FS: More HAM Accessories

Yahoo group: heathkitnovicestations
Date: 2012-01-14 18:46:03 UTC
From: Bry Carling
Topic: 718 Message: 718

FOR SALE:

MFJ-812 VHF Wattmeter / SWR meter.
This is the worlds most popular and most affordable VHF SWR/Wattmeter.
It has a built-in Field strength Meter. Covers 144 and 220 MHz.
Read forward and reflected power in 2 ranges - 30 or 300 Watts. Reads SWR from
144 thru 220Mhz. Also reads relative field strength from 1 to 220 MHz. Has binding
post for field strength antenna. Measures 4.5 x 2.25 x 3 inches. Eggshell White.
Excellent appearance and in working condition.
Available for $24.00 plus shipping
(photo available)

RL DRAKE Low Pass Filter model TV1000LP rated for 1000 Watts up to 30 MHz, 52 Ohms.
Has the two standard SO-239 connectors for attaching coaxial cables. These typically go
for around $35.00 on eBay.
Available for $20.00 plus shipping
(photo available)

719. FS: 6146 Tubes

Yahoo group: heathkitnovicestations
Date: 2012-01-16 12:16:17 UTC
From: Bry Carling
Topic: 719 Message: 719

For sale 6146 tubes:

QTY 4 - type 6293 / 6146 tubes. Used, good tested. RCA Brand.
This is the rare heavy duty version of the 6146 much sought after. To quote K9STH, these are a very heavy duty version of the 6146 and can be substituted without any problems. This is the 6293. A 6293 will outlast a "plain" 6146 by at least 5 times the life (over 10 times is not that unusual!). We would "kill" back in the late 1950s and early 1960s to get our hands on a pair of 6293 tubes for our DX-100s, etc.

Available for $7.00 each plus shipping

QTY 2 - 6146A / 8298 Tubes. Used, good tested. Westinghouse brand.

Available for $6.00 each plus shipping

73 - Brian, AF4K

720. FS: 807 Tubes

Yahoo group: heathkitnovicestations
Date: 2012-01-16 12:32:29 UTC
From: Bry Carling
Topic: 720 Message: 720

FOR SALE: 807 Tubes etc.

Standard shoulder style 807 tubes - most of these are used, tested good tubes.
Some may be new but are unboxed. One NOS, boxed.

QTY 4 - 807 Raytheon Holland $10.00 each plus shipping

QTY 1 - National 807 - $10.00 plus shipping

QTY 2 - General Electric 807 - $10.00 plus shipping

QTY 1 - RCA 807 - $10.00 plus shipping

QTY 1 - CBS 807 - $10.00 plus shipping

QTY 1 No name 807 - $8.00 plus shipping

QTY 9 - Type 5933 / 807W ruggedized tubes.
Available for $10.00 each plus shipping

QTY 1 - New in BOX JAN/General Electric 807 - $15.00 plus shipping
QTY 3 - RCA VT-136 / 1625 Tube for $6.00 each plus shipping
QTY 1 - National VT-136 / 1625 Tube for $5.00 plus shipping

Shipping additional on all the above.

Thanks for looking and 73 - Brian Carling, AF4K

721. RE: [heathkitnovicestations] FS: 6146 Tubes

Yahoo group: heathkitnovicestations
Date: 2012-01-16 13:54:34 UTC
From: Morris
Topic: 719 Message: 721

I'll take two.

Morris Dillingham ki4iua
174 Prentice Point Drive
Kilmarnock, Virginia 22482

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bry Carling
Sent: Monday, January 16, 2012 7:16 AM
To: heathkit@mailman.qth.net; heathkitnovicestations@yahoogroups.com;
Heathkit-Radios@yahoogroups.com; Heathkit-Radios-Moderated@yahoogroups.com;
HollowState@yahoogroups.com
Subject: [heathkitnovicestations] FS: 6146 Tubes

For sale 6146 tubes:

QTY 4 - type 6293 / 6146 tubes. Used, good tested. RCA Brand.
This is the rare heavy duty version of the 6146 much sought after. To quote
K9STH, these are a very heavy duty version of the 6146 and can be
substituted without any
problems. This is the 6293. A 6293 will outlast a "plain" 6146 by at least
5 times
the life (over 10 times is not that unusual!). We would "kill" back in the
late 1950s
and early 1960s to get our hands on a pair of 6293 tubes for our DX-100s,
etc.

Available for $7.00 each plus shipping

QTY 2 - 6146A / 8298 Tubes. Used, good tested. Westinghouse brand.

Available for $6.00 each plus shipping

73 - Brian, AF4K

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1901 / Virus Database: 2109/4745 - Release Date: 01/15/12

722. FS: Receiver / Homebrewer / Test Gear Crystals

Yahoo group: heathkitnovicestations
Date: 2012-01-23 14:47:31 UTC
From: Bry Carling
Topic: 722 Message: 722

FOR SALE:
Receiver / Homebrewer / Test Gear Crystals

1000 kHz hc6u crystals - new, excellent QTY 8
1400 kHz hc6u crystals - new, excellent QTY 2
1600 kHz hc6u crystals - new, excellent QTY 1
1700 kHz hc6u crystals - new, excellent QTY 6

The above are all available for $16.00 each plus shipping.

100 kHz calibrator crystals - hc13u (Tall version of hc6u) - as used in most amateur equipment. QTY 8 available for $19.00 each plus shipping

73 - Brian, AF4K

723. FS: Allen-Bradley Pot Assortments etc.

Yahoo group: heathkitnovicestations
Date: 2012-01-23 15:39:45 UTC
From: Bry Carling
Topic: 723 Message: 723

FOR SALE: Allen-Bradley Pot Assortments

While I could never be accused of selling pot, I do have a large number of good potentiometers to sell. Most of us kno wthat Allen-Bradley makes som of the very best potentiometers ever.

Most of these are new, USA made items, several are removed from working equipment.

POT ASSORTMENT #1 - Mostly TYPE J and TYPE P.
QTY 55 A-B pots, maybe a couple of Ohmite that look jusy the same. All 1/4" shafts. Many full length. Some are trimmer length. Includes 250, 1K, Dual 1K, 3.5K, 5K, 10K, 15K, 25K, 250K, 1.0M, 1.5M, Dual 10 M - total of 55 potentiomeneters available for $25.00 plus shipping.

POT ASSORTMENT #2 - Mostly TYPE J and TYPE P.
QTY 55 A-B pots, a couple of them are Ohmite. All have the standard 1/4" shafts. Many full length. Several are trimmer length pots. Includes: 50, 1K, 10K, 50K, 100K, 250K, Dual 500K full shaft, Dual 500K shorter shaft, 1.0 M, 2.5 M, 5 M, 10 M - total of 55 potentiomeneters available for $25.00 plus shipping.

POT ASSORTMENT #3 - Allen Bradley Type J yellow plastic pots with 1/4" shafts.
QTY 7 A-B pots with 200 ohms
QTY 3 A-B pots with 1000 ohns
QTY 2 CTS 250K pots New in Box pots with long 1/4" shafts
QTY 1 Centralab 1000 Ohms, new in box, long shaft, mix of new and used.
Total of 13 potentiometers available for $8.00 plus shipping

POT ASSORTMENT #4 - Precision multiturn pots - Bourns, Spectrol and Clarostat.
QTY 12 total, including 1K, 10K, 20K and 100K pots, mix of new and used.
Total of 12 potentiometers available for $8.00 plus shipping

POT ASSORTMENT #5 - QTY 18 slider pots - nos, audio faders by Stackpole, Dale etc.
QTY 5 X 10K
QTY 5 X 20K
QTY 5 X 30K
QTY 3 X 100K
Total of 18 potentiometers available for $9.00 plus shipping

NON-Allen-Bradley potentiometer asortments -

POT ASSORTMENT #6 - QTY 30 Various brands of potentiometers, mix of new and used.
Some dual pots. All 1/4" shafts, mostly full length. Includes values such as:
1K, 25K, 100K, 1 M, 5M etc.
Total of 30 potentiometers available for $12.00 plus shipping

POT ASSORTMENT #7 - QTY 30 Various brands of potentiometers, mix of new and used.
Some dual pots. All 1/4" shafts, mostly full length. Includes values such as:

1K, 25K, 100K, 1 M, 5M etc.
Total of 30 potentiometers available for $12.00 plus shipping

Please don't ask me if these are audio taper (logarithmic) or linear taper (I have NO idea!)
Also - please don't ask me if I have specific pots. I don't really have a way to hunt for them.

Contact me off the list to arrange purchase.

Thanks & 73 - Brian, AF4K

724. RE: Receiver / Homebrewer / Test Gear Crystals

Yahoo group: heathkitnovicestations
Date: 2012-01-23 21:26:23 UTC
From: Bry Carling
Topic: 724 Message: 724
Attachments: 2 described; binary payloads are missing from this source WARC

Hello Lynn,

Thank you for your e-mail. Yes I have all of the those hc6u crystals for you.

100 kHz - $19.00
455 kHz - $35.00
1000 kHz - $16.00
10.7 MHz - $16.00

If you would like all of these, please send $86.00 plus $6.00 per order for domestic USA shipping.

If you would like insured shipping, then please add $2.00 additional.

I prefer a $92.00 or $94.00 check or money order.

I can also accept paypal for an additional $4 fee.
Send $96.00 or $98.00 to Paypal account: bcarling@...

Insurance suggested. I will not be held responsible for postal loss,
theft or damage.

Brian Carling, AF4K
117 Sterling Pine Street
Sanford, FL 32773-7428

*** Please let me have your full name and address now and it will help keep
*** things straight.

Please do state what it is that you are ordering when you send your payment!

Best regards,

Brian Carling, AF4K

http://www.af4k.com/crystals.htm

On 23 Jan 2012 at 15:07, Len Litvan wrote:

Date sent: Mon, 23 Jan 2012 15:07:23 -0600

Hello Brian,

I will purchase one of the 1000 kHz crystals and one of the 100 kHz calibrator crystals. Need
them for an old RCA signal generator.

Need a few others also. Any ideas on where to get a 455 kHz crystal or 10.7 MHz crystal--to fit in an HC-6U socket? Reasonable prices, of course.

Please let me know if the two above are still available and how to arrange payment.

73,

Len KC0RSX
SKCC #14
(507) 643-7526

On 1/23/2012 8:47 AM, Bry Carling wrote:

FOR SALE:
Receiver / Homebrewer / Test Gear Crystals

1000 kHz hc6u crystals - new, excellent QTY 8
1400 kHz hc6u crystals - new, excellent QTY 2
1600 kHz hc6u crystals - new, excellent QTY 1
1700 kHz hc6u crystals - new, excellent QTY 6

The above are all available for $16.00 each plus shipping.

100 kHz calibrator crystals - hc13u (Tall version of hc6u) - as used in most amateur equipment. QTY 8 available for $19.00 each plus shipping

73 - Brian, AF4K

[Non-text portions of this message have been removed]

725. REDUCED: NOS Antique Tube Sockets and rado parts

Yahoo group: heathkitnovicestations
Date: 2012-01-23 21:34:01 UTC
From: Bry Carling
Topic: 725 Message: 725

REDUCED: some great antique radio parts, including a whole bunch of top quality ceramic tube sockets.

Great for building repro equipment of the 30s and 40s or repairing antique rigs.
Everything listed below was selling previously for a total of $55.00 plus shipping.
If somebody wants all of these items, I will reduce them to $32.00 firm, plus shipping.

Single large, flat contact, Ceramic 4 pin socket NOS.
Outer diameter abt 3.5" with metal bayonet for approx 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Single_4pin_socket.jpg

Pair of large, flat contact, ceramic 4 pin sockets NOS.
Outer diameter abt 3.5" with metal bayonet for 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Two_ceramic_4pin_sockets.jpg

Single Ceramic Bayonet Socket, NOS, smaller. BIRNBACH No. 435.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (two more of the same below) picture here:
http://www.af4k.com/imag/ham/Single_ceramic_bayonet.jpg

Pair of Ceramic Bayonet Sockets by NATIONAL CO. (NC logo), NOS.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (same size as single one above) picture here:
http://www.af4k.com/imag/ham/Two_ceramic_bayonet_sockets.jpg

Group of FIVE NOS Bakelite, 4-pin Tube sockets - unused.
These are all made for 4-pin sube sin various styles. Two have bayonet fittings, the other three do not. These are great for breadboard construction or
for repairing antique radios.
Picture here:
http://www.af4k.com/imag/ham/4-pin_Tube_Sockets.jpg

Antique Dual Bakelite connector assembly NOS. Dimensions 2-7/8" X 2-5/8"
Has two 4-pin receptacles, and one plug. Mounting holes. Model 14213-6 unused.
Photo here:
http://www.af4k.com/imag/ham/dual_socket.jpg

QTY 1 James Millen Co. type 37303 ceramic 3-way terminal strip. For connecting external
wiring.
Lightly used and in excellent condition. Dimensions 2.25" X 0.5" - there is nothing quite like
these for a professional finish to any receiver or transmitter.
Photo here:
http://www.af4k.com/imag/ham/millen_strip.jpg

726. REDUCED: Boxes of Electrolytic Capacitors

Yahoo group: heathkitnovicestations
Date: 2012-02-03 20:08:11 UTC
From: Bry Carling
Topic: 726 Message: 726

FOR SALE: ELECTROLYTIC CAPACITORS

Mix of radial, axial, upright can etc. - some are NOS. Most are new.
(a few are be good, used tested caps)

BOX #1 = QTY 35 electrolytic CAPACITORS
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 4 uF at 600 V
QTY 2, 8 uF at 450 V
QTY 1, 8 + 8 uF at 450 V
QTY 2, 16 uF at 450 V
QTY 1, 125 uF at 450 V
QTY 1, 10 + 10 uF at 450 V
QTY 2, 820 uF at 450 V
QTY 1, 40 uF at 450 V
QTY 1, 68 uF at 400 V
QTY 4, 220 uF at 400V
QTY 2, 33 uF at 400V
QTY 1, 40 + 20 + 10 uF at 350 V
QTY 1, 22 uF at 350 V
QTY 1, 10 uF at 350 V
QTY 1, 100 uF at 250 V
QTY 1, 100 uF at 200 V
QTY 1, 4700 uF at 35 V
QTY 1, 4.7 uF at 35 V
QTY 2, 2200 uF at 25 V
QTY 4, 100 uF at 25 V
Total of 35 excellent capacitors for $29.00 plus $12.00 shipping

BOX #2 = QTY 40 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2,   0.068 uF at 630 V
QTY 2,   0.056 uF at 630 V
QTY 1,   16 uF at 600V
QTY 1,   0.47 uF at 600V
QTY 2,   47 uF at 450 V
QTY 1,   20 uF at 450 V
QTY 1,   10 + 10 uF at 450 V
QTY 3,   82 uF at 400 V
QTY 5,   220 uF at 400 V
QTY 1,   33 uF at 400 V
QTY 3,   0.47 uF at 400 V
QTY 1,   22 uF at 350 V
QTY 1,   3 uF at 350 V
QTY 1,   47 uF at 250 V

QTY 1, 33 uF at 250 V
QTY 1, 270 uF at 200 V
QTY 1, 100 uF at 200 V
QTY 1, 1 uF at 200 V
QTY 1, 1000 uF at 50 V
QTY 2, 2200 uF at 35 V
QTY 1, 4.7 uF at 35 V
QTY 1, 1000 uF at 25 V
QTY 5, 100 uF at 25 V
QTY 1, 2200 uF at 16 V
Total of 40 excellent capacitors for $29.00 plus $12.00 shipping

BOX #3 = QTY 30 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 16 uF at 600 V
QTY 1, 125 uF at 450 V
QTY 1, 30 uF at 450 V
QTY 1, 20 uF at 450 V
QTY 3, 16 uF at 450 V
QTY 4, 20 + 20 uF at 450 V
QTY 8, 220 uF at 400 V
QTY 3, 270 uF at 400 V
QTY 1, 82 uF at 400 V
QTY 1, 33 uF at 400 V
QTY 2, 1500 uF at 250 V
Great group of capacitors for a low price. $29.00 plus $12.00 shipping

73 - Bry, AF4K

727. FS: Military Surplus Crystal cases and crystals

Yahoo group: heathkitnovicestations
Date: 2012-02-03 20:16:39 UTC
From: Bry Carling
Topic: 727 Message: 727

FOR SALE:

TYPE BX40 crystal case - holds 120 standard FT243 crystals or similar.
Excellent condition - QTY 4 available for $29.00 each plus shipping

Excellent condition - TYPE CS-137 crystal case - holds 120 standard FT243 crystals or similar.
QTY 2 available for $29.00 each plus shipping

Pictures available for both...

Numerous FT243 crystals available, many for the ham bands, including 7025, 7050, 7075, 7100 kHz etc. Available for $14.00 each plus shipping.

Thanks for looking and 73 - Brian Carling, AF4K

728. FS: Ham band hc6u crystals

Yahoo group: heathkitnovicestations
Date: 2012-02-04 11:12:35 UTC
From: Bry Carling
Topic: 728 Message: 728

FOR SALE: hc6/u crystals for the amateur radio bands.

These are for Hallicrafters radios:

5.0 MHz, 6.0 MHz, 6.5 MHz, 7.0 MHz, 7.5 MHz, 8.0 MHz, 8.5 MHz, 9.0 MHz, 10.0 MHz,
11.0 MHz, 12.0 MHz, 12.5 MHz - Available for $16.00 each plus shipping.
(others available = inquire)

These are available for Drake 4 Line radios:
12.6 MHz, 13.6 MHz, 14.1 MHz, 14.6 MHz, 17.1 MHz, 17.6 MHz, 18.1 MHz, 19.1 MHz,
19.6 MHz, 20.6 MHz, 20.8 MHz (Drake recommended for 30m band), 22.1 MHz,
22.6 MHz, 29.1 MHz, 31.6 MHz, 32.6 MHz, 35.6 MHz, 38.1 MHz, 39.1 MHz, 39.6 MHz,
40.1 MHz, 40.6 MHz, 43.6 MHz

These are available for Drake 2 Line radios:
13.5 MHz, 17.5 MHz, 24.0 MHz, 24.5 MHz, 25.0 MHz, 30.0 MHz

Collins: Most are now available including 10.5775 MHz, 13.155 MHz, 13.9775 MHz,
15.7275 MHz, 15.8275, 15.9275 MHz and many more.

Others available: (many more also)
1000 kHz, 1400 kHz, 1600 kHz, 1700 kHz, 5355 kHz, 5360 kHz, 8998.5 kHz, 9.0 MHz,
10.0 MHz, 10.7 MHz, 15.0 MHz, 15.2 MHz, 16.0 MHz, 18.0 MHz, 20.0 MHz, 21.0 MHz,
21.1 MHz, 21.5 MHz, 27.0 MHz, 28.0 MHz, 30.0 MHz, 30.52 MHz, 32.0 MHz,
33.52 MHz, 34.5 MHz, 34.7 MHz, 35.0 MHz, 35.5 MHz, 36.0 MHz, 38.0 MHz, 42.5 MHz,
43.0 MHz, 43.5 MHz,

Most of the above are available now for $16.00 each plus shipping.
(some of the non-amateur-band Collins ones are $12.00 each)

For details see:
http://www.af4k.com/hc6u_crystals.htm
Pictures of various style crystals:
http://www.af4k.com/crystal_holders.htm

73 - Bry Carling, AF4K

729. RE: [heathkitnovicestations] REDUCED: Boxes of Electrolytic Capacitors

Yahoo group: heathkitnovicestations
Date: 2012-02-05 07:44:22 UTC
From: Bruce & Bonnie Rattray
Topic: 726 Message: 729

Hi Bry. What would the deal be for all 3 boxes pse + shipping? - 72/73
Bruce ve5rc

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bry Carling
Sent: February 3, 2012 2:08 PM
To: heathkitnovicestations@yahoogroups.com; Heathkit-Radios@yahoogroups.com;
HollowState@yahoogroups.com; johnson@...; allied@...
Subject: [heathkitnovicestations] REDUCED: Boxes of Electrolytic Capacitors

FOR SALE: ELECTROLYTIC CAPACITORS

Mix of radial, axial, upright can etc. - some are NOS. Most are new.

(a few are be good, used tested caps)

BOX #1 = QTY 35 electrolytic CAPACITORS

QTY 2, 0.068 uF at 630 V

QTY 2, 0.056 uF at 630 V

QTY 1, 4 uF at 600 V

QTY 2, 8 uF at 450 V

QTY 1, 8 + 8 uF at 450 V

QTY 2, 16 uF at 450 V

QTY 1, 125 uF at 450 V

QTY 1, 10 + 10 uF at 450 V

QTY 2, 820 uF at 450 V

QTY 1, 40 uF at 450 V

QTY 1, 68 uF at 400 V

QTY 4, 220 uF at 400V

QTY 2, 33 uF at 400V

QTY 1, 40 + 20 + 10 uF at 350 V

QTY 1, 22 uF at 350 V

QTY 1, 10 uF at 350 V

QTY 1, 100 uF at 250 V

QTY 1, 100 uF at 200 V

QTY 1, 4700 uF at 35 V

QTY 1, 4.7 uF at 35 V

QTY 2, 2200 uF at 25 V

QTY 4, 100 uF at 25 V

Total of 35 excellent capacitors for $29.00 plus $12.00 shipping

BOX #2 = QTY 40 electrolytic CAPACITORS

Mix of radial, axial, upright can - some NOS. Almost all are new.

QTY 2, 0.068 uF at 630 V

QTY 2, 0.056 uF at 630 V

QTY 1, 16 uF at 600V

QTY 1, 0.47 uF at 600V

QTY 2, 47 uF at 450 V

QTY 1, 20 uF at 450 V

QTY 1, 10 + 10 uF at 450 V

QTY 3, 82 uF at 400 V

QTY 5, 220 uF at 400 V

QTY 1, 33 uF at 400 V

QTY 3, 0.47 uF at 400 V

QTY 1, 22 uF at 350 V

QTY 1, 3 uF at 350 V

QTY 1, 47 uF at 250 V

QTY 1, 33 uF at 250 V

QTY 1, 270 uF at 200 V

QTY 1, 100 uF at 200 V

QTY 1, 1 uF at 200 V

QTY 1, 1000 uF at 50 V

QTY 2, 2200 uF at 35 V

QTY 1, 4.7 uF at 35 V

QTY 1, 1000 uF at 25 V

QTY 5, 100 uF at 25 V

QTY 1, 2200 uF at 16 V

Total of 40 excellent capacitors for $29.00 plus $12.00 shipping

BOX #3 = QTY 30 electrolytic CAPACITORS

Mix of radial, axial, upright can - some NOS. Almost all are new.

QTY 2, 0.068 uF at 630 V

QTY 2, 0.056 uF at 630 V

QTY 1, 16 uF at 600 V

QTY 1, 125 uF at 450 V

QTY 1, 30 uF at 450 V

QTY 1, 20 uF at 450 V

QTY 3, 16 uF at 450 V

QTY 4, 20 + 20 uF at 450 V

QTY 8, 220 uF at 400 V

QTY 3, 270 uF at 400 V

QTY 1, 82 uF at 400 V

QTY 1, 33 uF at 400 V

QTY 2, 1500 uF at 250 V

Great group of capacitors for a low price. $29.00 plus $12.00 shipping

73 - Bry, AF4K

730. FS: Bud Codemaster CW oscillator

Yahoo group: heathkitnovicestations
Date: 2012-02-11 21:06:03 UTC
From: Bry Carling
Topic: 730 Message: 730

FOR SALE: Bud Codemaster CW oscillator

One of the nicest one I have seen. Excellent condition.

Available for $5.00 plus shipping

731. FS: Ham Test Equipment

Yahoo group: heathkitnovicestations
Date: 2012-02-11 21:13:55 UTC
From: Bry Carling
Topic: 731 Message: 731

FOR SALE: Ham Test Equipment

EICO710 Grid Dip Meter with coils.
Good working condition.
No box or manual. Available for
$39.00 plus shipping.

Heathkit IG-18 signal generator - has
all the correct parts, Heathkit knobs,
power supply etc.
all in great shape. The case is in
semi-grubby condition and needs
paint. Sold as-is for
$35.00 plus shipping

Heathkit IG-28 signal generator - has
all the correct parts, Heathkit knobs,
power supply etc.
all in great shape. The case is in
semi-grubby condition and needs
paint. Sold as-is for
$25.00 plus shipping

73 - Bry, AF4K

732. FS: Tubes $1 to $20

Yahoo group: heathkitnovicestations
Date: 2012-02-18 03:44:27 UTC
From: Bry Carling
Topic: 732 Message: 732

FOR SALE: TUBES

QTY 2 - TUNGSOL 5881/6L6WGB - Pair for $40.00
(These are JAN-CTL, USA made)

QTY 1 - Tungsol 6SL7 - $8.00

QTY 1 G.E. 5R4GB - $5.00

QTY 1 - TRONYX 5U4G - $4.00

QTY 1 - Phillips QQE06-40 - $6.00

QTY 1 - Western Electric 14A Ballst Tube - $3.00

QTY 1 - Type 837 transmitting tube - $6.00

QTY 1 - 40KD6 marked as Silvertone - $5.00

QTY 1 - NEW Sylvania 40KD6 in Box - $9.00

QTY 2 - New G.E. 2E26 - Pair for $8.00

QTY 1 - G.E. 6AK5 tube - NIB - $1.00

QTY 1 - G.E. 6EV5 tube - NIB - $1.00

QTY 1 - G.E. 8156 Compactron - NIB - $2.00

QTY 1 - G.E. 6661 / 6BH6 tube - NIB - $5.00

QTY 1 - G.E. 6663 / 6AL5W tube - NIB - $2.00

QTY 1 - G.E. 6681 / 12AX7WA tube - NIB - $25.00

QTY 1 - G.E. 6999 / 6AK6 tube - NIB - $2.00

QTY 1 - G.E. 7984 tube - NIB - $6.00

Some of these look new but everything above the new SYlvania 40KD6 will be sold as "good used" to be sure.

Shipping additional.

I will have more soon. Thanks for looking - 73 de AF4K, Bry

733. FS: MC Jones Micromatch RF Meter etc.

Yahoo group: heathkitnovicestations
Date: 2012-02-27 19:00:42 UTC
From: Bry Carling
Topic: 733 Message: 733

FOR SALE:

MC Jones Micromatch RF Meter - (meter only) - $25.00
Picture and details at the link below.

USA Military Surplus CS-137 Crystal Case, extra nice (1 only) - $39.00

USA Military Surplus BX40 Crystal Cases - $39.00 each

USA Military Surplus ORP - AN/TRC-19 Crystal Case (1 only) - $25.00

ASTATIC D104 Microphone - $39.00

FT243 sockets - Millen style - new, plastic - $8.00 each

FT243 socket - new, single black (1 only) - $6.00

FT243 socket - DUAL brown phenolic (1 only) - $8.00

100 kHz Calibrator Crystal HC13/U (TALL HC6U) - $19.00
hchc6/u and 13/u sockets, ceramic, new - $3.00 each

Shipping additional.

Pictures and details:
http://www.af4k.com/miscpart.htm

73 - Bry, AF4K

734. FS: Electrolytic Can Capacitors - NIB

Yahoo group: heathkitnovicestations
Date: 2012-02-28 19:49:42 UTC
From: Bry Carling
Topic: 734 Message: 734

FOR SALE: Electrolytic Can Capacitors - new in boxes.

Triple can electrolytics, USA made - great for antique radio restoration or homebrew tube construction. Each capacitor has 40 uF + 20 uF + 20 uF at 250v DC. Vertical chassis-mount style. Illinois Condenser Co. About 2.5" tall and 1.125'" diameter.

QTY 15 available for $4.00 each or take all for $48.00
shipping additional.

73 - Bry, AF4K

735. FS: PL259 and SO239 connectors etc.

Yahoo group: heathkitnovicestations
Date: 2012-03-06 12:25:41 UTC
From: Bry Carling
Topic: 735 Message: 735

FOR SALE:

Over 120 plugs, sockets, adapters etc. for RF coaxial connections.

Each group has about 15 - 20 pieces of mostly new / new old stock PL259 and SO 239 connectors and adapters of all kinds. These normally sell for several dollars a piece. Some of
these include a Twinax connector and the odd 'N' connector or adapter etc. These are each available for $12.00 per group plus shipping.

Pictures and details with ordering buttons are available here:

http://www.af4k.com/connects.htm

73 & thanks for looking - Bry, AF4K

736. FS: OLDER ORIGINAL MILITARY RADIO CRYSTALS

Yahoo group: heathkitnovicestations
Date: 2012-03-10 20:34:38 UTC
From: Bry Carling
Topic: 736 Message: 736

FOR SALE: ORIGINAL OLDER MILITARY RADIO CRYSTALS
ALL FOR THE AMATEUR BANDS... BC610, BC699, BC611 crystals etc.

CR1A originals for the ARC3, SCR522 radios etc. etc.
http://af4k.com/CR1A_crystals.htm

FT243 Original Full-sized Crystals from WW2 era
http://af4k.com/FT243_CRYSTALS_Originals.htm

DC34 Original Larger Crystals from WW2 era
http://af4k.com/DC34_crystals.htm

Pictures of crystal case and sizes with full dimensions may be found here:
http://af4k.com/crystal_holders.htm

73 and thanks for looking - Bry, AF4K

737. FS: Sweep Tubes etc.

Yahoo group: heathkitnovicestations
Date: 2012-03-31 14:01:59 UTC
From: Bry Carling
Topic: 737 Message: 737

For Sale: Sweep Tubes - some New No Box, New In Box... some Used Tested or Used Tested w/Box.
(NNB, NIB / UT / UTB) - Quantity 1 unless stated otherwise.

Ameritron AL-84 used four 6JM6 tubes in it. Sweep tubes were used one Yaesu linear amp. Many amplifiers and radios use 6KD6es and the Yaseu FL-1000 used 6JS6A's. Yaesu used sweep tubes in the finals of the FT-101 series, 6JS6C. Swan used sweep tubes. The Siltronix 1011c and many other CB amplifiers use sweep tubes of various voltages. They say that Galaxy WRL made a 10 sweep tube legal limit amplifier. I never saw one.

6CD6GA - RCA - UT - $1.50

6DQ5 - Westinghouse - NIB - $5.00
6DQ5 - Westinghouse - New, NB - $5.00

6GV5 - Zenith USA - UT - $1.00

6JB5 / 6HE5 - General Electric - NIB - $2.50

6JB6 - RCA - USA - UTIB - $5.00
6JB6 - Sylvania USA - UTIB - $5.00

6JE6B - General Electric USA - UT - $8.00
6JE6 - USA - UT - $6.00
6JE6 - RCA, USA - UIB - $8.00
6JE6C / 6LQ6C - Magnavox USA - UT - $8.00
6JE6C - Westinghouse USA - UT - $8.00

6JM6A - RCA, USA - NIB - $3.00

6JS6C SYLVANIA USA - UT - $15.00
6JS6C USA - UT - QTY 3 - $15.00 each
6JS6C NEC JAPAN - UT - $15.00

6JZ6 - USA - UT - $1.50

6KD6 ITT, Japan - UTB - $10.00
6KD6 Raytheon, Japan Green Stripe - UTB - $10.00

6KM6 - RCA USA - NIB - $5.00

6LB6 - General Electric USA - NIB - $15.00
6LB6 - USA - UT - $7.00

6LF6/6MH6 - International Servicemaster USA - UT - $15.00

6LQ6 - Sylvania USA - UT - $12.00
6LQ6 - RCA - USA - UT - $12.00

6MJ6 - USA - UT - QTY 3 for $18.00 each

12JB6A - RCA USA - NIB - QTY 2 - $8.00 each
17DQ6B / 17GW6 - ITT Japan - NIB - QTY 2 available for $3.00 each

21JS6A - Realistic Japan - NIB - $8.00
25CD6GB - General Electric USA - NIB - $3.00

31JS6C - Sylvania - USA - NIB - $8.00
40KD6 Raytheon, Japan Green Stripe - NIB - $11.00

3DS3 - oddball General Electric, USA - "55% LEAD OXIDE" - New - $2.00
837 - RCA, USA - UT - $10.00
5894 AMPEREX - UTB - $10.00

Shipping will be additional. Please e-mail me off the list:
bcarling@...

73 - Bry, AF4K

738. RE: [heathkitnovicestations] FS: Sweep Tubes etc.

Yahoo group: heathkitnovicestations
Date: 2012-04-01 20:32:43 UTC
From: Bruce & Bonnie Rattray
Topic: 737 Message: 738

I'll take the two 6DQ5s please Bry. So that'll be $10.00 US + shipping. Money order ok? 72 Bruce ve5rc

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com [mailto:heathkitnovicestations@yahoogroups.com] On Behalf Of Bry Carling
Sent: March 31, 2012 8:02 AM
To: heathkit@yahoogroups.com; heathkit@...; heathkitnovicestations@yahoogroups.com; Heathkit-Radios@yahoogroups.com; HollowState@yahoogroups.com
Subject: [heathkitnovicestations] FS: Sweep Tubes etc.

For Sale: Sweep Tubes - some New No Box, New In Box... some Used Tested or Used Tested w/Box.

(NNB, NIB / UT / UTB) - Quantity 1 unless stated otherwise.

Ameritron AL-84 used four 6JM6 tubes in it. Sweep tubes were used one Yaesu linear amp.

Many amplifiers and radios use 6KD6es and the Yaseu FL-1000 used 6JS6A's. Yaesu used sweep tubes in the finals of the FT-101 series, 6JS6C. Swan used sweep tubes. The Siltronix 1011c and many other CB amplifiers use sweep tubes of various voltages. They say that Galaxy WRL made a 10 sweep tube legal limit amplifier. I never saw one.

6CD6GA - RCA - UT - $1.50

6DQ5 - Westinghouse - NIB - $5.00

6DQ5 - Westinghouse - New, NB - $5.00

6GV5 - Zenith USA - UT - $1.00

6JB5 / 6HE5 - General Electric - NIB - $2.50

6JB6 - RCA - USA - UTIB - $5.00

6JB6 - Sylvania USA - UTIB - $5.00

6JE6B - General Electric USA - UT - $8.00

6JE6 - USA - UT - $6.00

6JE6 - RCA, USA - UIB - $8.00

6JE6C / 6LQ6C - Magnavox USA - UT - $8.00

6JE6C - Westinghouse USA - UT - $8.00

6JM6A - RCA, USA - NIB - $3.00

6JS6C SYLVANIA USA - UT - $15.00

6JS6C USA - UT - QTY 3 - $15.00 each

6JS6C NEC JAPAN - UT - $15.00

6JZ6 - USA - UT - $1.50

6KD6 ITT, Japan - UTB - $10.00

6KD6 Raytheon, Japan Green Stripe - UTB - $10.00

6KM6 - RCA USA - NIB - $5.00

6LB6 - General Electric USA - NIB - $15.00

6LB6 - USA - UT - $7.00

6LF6/6MH6 - International Servicemaster USA - UT - $15.00

6LQ6 - Sylvania USA - UT - $12.00

6LQ6 - RCA - USA - UT - $12.00

6MJ6 - USA - UT - QTY 3 for $18.00 each

12JB6A - RCA USA - NIB - QTY 2 - $8.00 each

17DQ6B / 17GW6 - ITT Japan - NIB - QTY 2 available for $3.00 each

21JS6A - Realistic Japan - NIB - $8.00

25CD6GB - General Electric USA - NIB - $3.00

31JS6C - Sylvania - USA - NIB - $8.00

40KD6 Raytheon, Japan Green Stripe - NIB - $11.00

3DS3 - oddball General Electric, USA - "55% LEAD OXIDE" - New - $2.00

837 - RCA, USA - UT - $10.00

5894 AMPEREX - UTB - $10.00

Shipping will be additional. Please e-mail me off the list:

bcarling@...

73 - Bry, AF4K

739. FS: Greenlee Punch

Yahoo group: heathkitnovicestations
Date: 2012-04-06 14:57:20 UTC
From: Bry Carling
Topic: 739 Message: 739

FOR SALE:

Greenlee Punch - 5/8 inch diameter punch for round holes.
Perfect for installing most 7-pin miniature tube sockets or other similar sized items into an aluminum chassis, front panel etc.

New price for these seems to be around $45.00 to $46.00.

One available for $25.00 plus shipping

73 - Bry, AF4K

740. FS: Groups of PL259 - SO239 Connectors

Yahoo group: heathkitnovicestations
Date: 2012-04-06 15:11:16 UTC
From: Bry Carling
Topic: 740 Message: 740

FOR SALE:

Over PL259 / SO239 plugs, sockets, adapters etc. for RF coaxial connections.

Each group has about 15 - 20 pieces of mostly new / new old stock PL259 and SO 239 connectors and adapters of all kinds. These normally sell for several dollars a piece. Some of these include a few odd 'N' connector or adapter etc. I have added a couple of other pieces to these kits to sweeten the deal.

The remaining groups are each available for $12.00 per group plus shipping.

Pictures and details with ordering buttons are available here:

http://www.af4k.com/connects.htm

73 & thanks for looking - Bry, AF4K

741. FS: 80M CRYSTALS, HC6U

Yahoo group: heathkitnovicestations
Date: 2012-04-09 10:23:32 UTC
From: Bry Carling
Topic: 741 Message: 741

```
FOR SALE:
80M CRYSTALS, HC6U type

Quantity 1 each:
3.778 MHz
3.781 MHz
3.788 MHz

Available for $12.00 each plus shipping.
Or - Take all three for $30.00 plus shipping.

73 - Bry, AF4K
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742. FS: Carbon Comp Resistors etc.

Yahoo group: heathkitnovicestations
Date: 2012-04-09 16:21:45 UTC
From: Bry Carling
Topic: 742 Message: 742

FOR SALE: CARBON COMPOSITION RESISTORS

Here are some grab bag assortments of ALL NEW 2 WATT, 1 WATT and 1/2 WATT resistors, with a good mix of values from 1 ohm to 15 Megohms. Authentic parts made by Ohmite, IRC etc. Ideal for homebrewing and repairs tube radio transmtters and receivers etc.
1 Watt and 2 Watt resistors usually cost around $1.50 to $3.00 each when you can find them... Half watt resistors are $2.00 each at Radio Shack. A Surplus Place in Nebraska sells
them for $10 to $15.00 for a 50 pack.

SPECIAL: The first 5 orders will get a free bag of 100 new resistors.

2 WATT Resistors Packs - Quantity 50 - $10.00 each
1 WATT Resistor Packs - Quantity 100 - $10.00 each
1/2 WATT Resistors Packs - Quantity 100 - $8.00 each
LARGE MIXED BAG of 500 - 2 Watt, 1 Watt and 1/2 WATT mix of mostly New and Good Used Resistors - Quantity over 500. All for $12.00

Also: LARGE BLEEDER RESISTORS FOR LARGE TRANSMITTER PROJECTS:
Examples:
12Kohms at 40 Watts $9.00
50,000 ohms at 100 watts $18.00
25,000 ohms at 100 watts $19.00
15,000 ohms at 120 watts $16.00
16,000 ohms at 50 watts $13.00

ALSO - most "Common Values" of the 2 Watt and 1 Watt resistors are available. From 1 ohms to 22 Megohms.
A few exceptions are unavailable such as 100 K, but I do have some 110 K which will work fine in most applications.
These are brand new resistors with full lead length and are excellent 5% and 1% components.
Available for the following prices:
2 Watt = $2.00 each / ten or more of same value for $1.75 each
1 Watt = $1.00 each / ten or more of same value for $0.80 each
1/2 Watt = $0.70 each / ten or more of same value for $0.60 each
Shipping additional.

Pictures and details:
http://af4k.com/resistors.htm

73 - Bry, AF4K

743. FS: Four 80m crystals $24.00

Yahoo group: heathkitnovicestations
Date: 2012-04-19 02:13:41 UTC
From: Bry Carling
Topic: 743 Message: 743

FOR SALE:

Group of four nice, new condition 80m ham band crystals, like new.

These are hc6u crystals on:

3.777 MHz
3.778 MHz
3.781 MHz
and
3.787 MHz

Will sell the whole bunch for $24.00 plus shipping.

http://af4k.com/hc6u_crystals.htm#group4

73 - Bry, AF4K

744. REDUCED: Ham Band hc6u Crystals

Yahoo group: heathkitnovicestations
Date: 2012-04-22 13:29:56 UTC
From: Bry Carling
Topic: 744 Message: 744

REDUCED: Ham Band hc6u Crystals
(prices are for these groups only)

$2.50 crystals for 80m band:
Group of four nice, new 80m ham band hc6u crystals on 3742.0 kHz.
QUANTITY of 4 - 3742.0 kHz crystals - Type hc6u - Share some with a friend!
Will sell as groups of 4 for $10.00 plus shipping.

ALSO REDUCED Group of SIX ham band crystals under $5.00 each.
Group of six nice, new condition 80m and 40m ham band crystals, like new.
Not available individually at this price. SIX hc6u crystals on:
QTY 1 - 3742.0 kHz
QTY 1 - 3777.5 kHz
QTY 1 - 3778.7 kHz
QTY 1 - 3781.2 kHz
QTY 1 - 3787.5 kHz
QTY 1 - 7011.0 kHz
Note: this is only for this one group of crystals as listed.
Will sell this whole group of 6 for $29.00 plus shipping.

Pictures, details and Ordering Page here:
http://af4k.com/hc6u_crystals.htm

73 - Bry, AF4K

745. REDUCED: Panel Meters - under $3.00

Yahoo group: heathkitnovicestations
Date: 2012-04-22 14:30:19 UTC
From: Bry Carling
Topic: 745 Message: 745

REDUCED: Panel Meters

Here is a nice box of six panel meters in very good condition.

These are all the typical 3.25" diameter meters you see on older ham equipment, test equipment etc.

1) Weston model 476 with 0 - 120V AC with an additional scale for 60V AC

2) Weston model 301 with 0 - 140V DC with an additional scale for 7 V DC.

3) General Electric model ADK84 - cool 0 - 200 mA PA Plate with markings for CW, MCW, PA Grid and Battery.

4) General Electric with 0 - 50mA DC

5) Weston model 147866 with 0 - 5V AC

6) General Electric Time Meter - model 8KT8E3 / USN type 120V AC 60 Hz (small case chip)

I do not want to sell these individually. I will sell these as a group. The whole box for $16.00
plus $12.00 for USA shipping

73 - Bry, AF4K

746. FS: More 2W, 1W and 1/2 W Carbon Resistor Packs

Yahoo group: heathkitnovicestations
Date: 2012-05-06 11:45:54 UTC
From: Bry Carling
Topic: 746 Message: 746

Hi guys,

I know a lot of people asked me for some more of these resistors and I found some.

As of right now, I have found 6 more assortments of New 2 Watt Carbon Compopsition Resistors (50 in each.)
I have 3 more packs of the 1 Watt carbon composition resistors (50 in each.)
and I have another 8 packs of the 1/2 Watt composition resistors (100 in each.)

I have posted these on my web pages for easy purchase for whomever would like some.
2W - $15 each
1W - $10 each
1/2W - $8 each
For anyone who buys 2 or more of these I will throw in a surprise pack of 50 - 100 new resistors of my choice. FYI - one or two of the 2 watt resistor packs might contain a couple of
good used looking resistors or shorter lead ones but you won't be disappointed.

http://af4k.com/resistors.htm

There are also some very excellent, useful power resistors and bleeder resistors etc. at that
link.

Thanks for looking & 73 - Bry AF4K
321-262-5471

747. FS: New HV Capacitors 10c - 35c each

Yahoo group: heathkitnovicestations
Date: 2012-05-06 13:34:02 UTC
From: Bry Carling
Topic: 747 Message: 747

NEW Mallory and Sprague, USA-made HV Disk ceramic capacitors:
(These are all brand new, prime quality USA parts), Most are RMC = Mallory

CAPACITANCE - VOLTAGE - Price each
8.2 pF 20% at 1KV Sprague Temp Stable - QTY 4 - $0.20 each
22 pF 10% - 3KV - RMC Type - QTY 1 - $0.25 each
75 pF 10% -at 1KV - N150 - QTY 10 - $0.20 each
82 pF 5% - 1KV - RMC Type NPO - QTY 6 - $0.25 each
82 pF 5% - 1KV - RMC Type N750 - QTY 2 - $0.20 each
82 pF 5% - 1KV - RMC Type N1500 - QTY 2 - $0.20 each
200 pF at 1KV 5% - RMC Type N750 - QTY 1 - $0.20
200 pF 5% at 1KV RMC type JF200 - QTY 1 - $0.15 each
200 pF 5% at 1KV type NPO - QTY 5 - $0.25 each
360 pF 10% - 1KV - RMC Type - QTY 5 - $0.20 each
400 pF 10% - 1KV - RMC Type - QTY 8 - $0.20 each
600 pF 10% at 1KV - RMC - QTY 9 - $0.20 each
750 pF 10% at 1KV Sprague Temp Stable - QTY 4 - $0.20 each
750 pF 10% - 1KV - RMC Type - QTY 4 - $0.20 each
Dual 1500 pF 20% at 2KV in one package type Z5U - QTY 5 $0.15 each
Dual 3000 pF 20% at 2KV in one package type Z5U - QTY 5 - $0.15 each
0.005 uF at 500 V +80/-20% - Type Z5U - QTY 1 $0.15
7500 pF (= 0.0075 uF) 20% at 500V - QTY 15 - $0.15 each
0.02 uF 10% at 100V RMC - QTY 1 - $0.10 each
0.02 uF at 100V +80/-20% RMC - QTY 12 - $0.15 each
0.02 uF at 1400 V 20% - Type Z5U - QTY 1 $0.30

Also some Tubular Capacitors:
Elmenco 0.1 uF at 600V DC and 0.5 uF at 200V DC
These are 35c and 25c each

You can purchase all of the above at web page:

http://af4k.com/capacitors.htm

Thanks & 73 de AF4K, Bry

748. FS: ARC5-looking 40m transmitter

Yahoo group: heathkitnovicestations
Date: 2012-05-13 01:05:26 UTC
From: Bry Carling
Topic: 748 Message: 748

FOR SALE - Navy transmitter for 40m band.
Dial reads from about 7.0 - 9.0 Megasickles.

Includes two 1625 FInal RF power tubes for plenty of oomph.

To me it looks just like any other ARC5 style radio, but the experts warn that his is not actually an "ARC5" as far as purists are concerned. For someone who enjoys military radios or actually getting something fun on the air with tiubes it will be just fine I am sure!

One place that I read (maybe a web site) says that it is part of the AN/ARC-5 Command Radio Set. Analogous to type BC-459-A, T-22/ARC-5 transmitters. It would have typically been paired with a CBY-46106 receiver, similar to the BC455-B and R-27/ARC5 receivers.

It also stated that the AN/ARC-5 Command Radio Set is a series of radio receivers, transmitters, and accessories used to provide two-way Morse code and AM radiotelephone communication for U.S. Navy aircraft during World War II and the years following. It was an improvement of the Navy's ARA/ATA command set. Similar units designated SCR-274-N were used in U.S. Army aircraft. The Army set is based on the Navy ARA/ATA, not the later AN/ARC-5. (perhaps this one is part of the ARA/ATA instead of ARC5? You be the judge!

Covers 7.0 to 9.1 MHz. Comes with all tubes, including the magic eye tube, the covers, all coils, etc. There are some paint chips off the top and front, but can be easily restored. Overall
in very good condition for its age. SERIAL number is 665.
Technical Data: The transmitter can run 40 watts on CW, and would draw approx. 9 amps at 28 volts in operation although it works satisfactorily between 22 - 30 volts input. The circuits
of the transmitter are as follows: A master oscillator (1626) excites a pair of beam tetrode
power tubes (1625) connected in parallel. An antenna coupling control is used to vary the coupling between the output tank and the roller inductor loading coil. The transmitter could be
modulated using screen grid modulation or plate modulation. This style of transmitter was used by many amateurs after world war two, but many were modified or stripped for their high quality components, particularly the variable capacitors. The sets had an extremely good
name for their frequency stability. This unit uses tubes which look great. The two 1625 tubes
test good. There is no crystal, as in most of these radios. It appears to be missing the VFO
shield and inductor trim slug. Otherwise, complete with all original knobs and tubes, and is in
above-average condition.

Available for $75.00 plus shipping.

Pictures and details at:
http://www.af4k.com/radios.htm#ARC5

73 - Bry, AF4K

749. Current Activity?

Yahoo group: heathkitnovicestations
Date: 2012-05-31 13:12:57 UTC
From: Bob
Topic: 243 Message: 749

Hi,

Anyone doing anything?

I have noticed some slow CW in the old Novice segment between 7100 and 7125.

Bob Macklin
K5MYJ

750. FS: 455 kHz crystals etc.

Yahoo group: heathkitnovicestations
Date: 2012-06-06 20:00:34 UTC
From: Bry Carling
Topic: 750 Message: 750

FOR SALE:

New hc6u crystals and "tall hc6u" = hc13u calibrator crystals.

100 kHz calibrator style = $19.00 each

455 kHz hc6u = reduced to $30.00 each

1000 kHz hc6u = $16.00 each

1700 kHz hc6u = $16.00 each

E-mail me to arrange purchase or use web page at:

http://af4k.com/hc6ucrystals100-1499khz.htm

73 de AF4K - Bry

751. Activirty??

Yahoo group: heathkitnovicestations
Date: 2012-06-30 20:54:10 UTC
From: Bob Macklin
Topic: 751 Message: 751

Anyone still playing with radios?

A few weeks ago I heard some SLOW CODE between 7100 and 7125.

I just put my HR-10 on the bench to check it out. I had to replace one of the dial lamps but otherwise it seems OK.

I have to check out a TVI problem before trying to use the DX-60 at full power.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

752. Re: [heathkitnovicestations] Activirty??

Yahoo group: heathkitnovicestations
Date: 2012-06-30 21:17:32 UTC
From: w7dra@juno.com
Topic: 751 Message: 752
Attachments: 2 described; binary payloads are missing from this source WARC

that is what is left of the 80 meter new comer band. lots of fists and skcc chaps. i still havent left 3557 though, if i had a 7112 rock maybe, i do have a 7100 that i use up there occasionally
mike w7dra

On Sat, 30 Jun 2012 13:54:10 -0700 Bob Macklin <macklinbob@...>
writes:

Anyone still playing with radios?

A few weeks ago I heard some SLOW CODE between 7100 and 7125.

I just put my HR-10 on the bench to check it out. I had to replace one of the dial lamps but otherwise it seems OK.

I have to check out a TVI problem before trying to use the DX-60 at full power.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

_____
Raspberry Pill Burns Fat
How This Weird Fruit Extract Can Make You Thinner in Just 5 Days.
http://thirdpartyoffers.juno.com/TGL3141/4fef6d39a0076d385c18st52vuc

753. Re: [heathkitnovicestations] Activirty??

Yahoo group: heathkitnovicestations
Date: 2012-06-30 21:30:37 UTC
From: Bob Macklin
Topic: 751 Message: 753

Mike,

I can't work 80M here. Just 40M and higher.

I never hear anything between 3500 and 3600 except on contest days.

I also have not heard any 75M phone for a long time. There used to be 75M SSB activity between 3900 and 4000 late in the evening. I don't know where it went.

I've has the SB-301 on 20M all day. Nothing there either. I sweep the band about one per hour.

Are you home now?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, June 30, 2012 2:17 PM
Subject: Re: [heathkitnovicestations] Activirty??

that is what is left of the 80 meter new comer band. lots of fists and skcc chaps. i still havent left 3557 though, if i had a 7112 rock maybe, i do have a 7100 that i use up there occasionally
mike w7dra

On Sat, 30 Jun 2012 13:54:10 -0700 Bob Macklin <macklinbob@...> writes:

Anyone still playing with radios?

A few weeks ago I heard some SLOW CODE between 7100 and 7125.

I just put my HR-10 on the bench to check it out. I had to replace one of the dial lamps but otherwise it seems OK.

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K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

_____
Raspberry Pill Burns Fat
How This Weird Fruit Extract Can Make You Thinner in Just 5 Days.

HLifestyles.com

754. Re: [heathkitnovicestations] Activirty??

Yahoo group: heathkitnovicestations
Date: 2012-06-30 21:40:59 UTC
From: James
Topic: 751 Message: 754

Can't speak for your area, but there's a lot of 75m phone activity here. SSB and even some AM. More in the winter when the QRN is low.
Jim
WA8SDF
Near Cincinnati, Ohio
Sent via BlackBerry from T-Mobile

-----Original Message-----
From: Bob Macklin <macklinbob@msn.com>
Sender: heathkitnovicestations@yahoogroups.com
Date: Sat, 30 Jun 2012 14:30:37
To: <heathkitnovicestations@yahoogroups.com>
Reply-To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Activirty??

Mike,

I can't work 80M here. Just 40M and higher.

I never hear anything between 3500 and 3600 except on contest days.

I also have not heard any 75M phone for a long time. There used to be 75M SSB activity between 3900 and 4000 late in the evening. I don't know where it went.

I've has the SB-301 on 20M all day. Nothing there either. I sweep the band about one per hour.

Are you home now?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: w7dra@juno.com
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, June 30, 2012 2:17 PM
Subject: Re: [heathkitnovicestations] Activirty??

that is what is left of the 80 meter new comer band. lots of fists and skcc chaps. i still havent left 3557 though, if i had a 7112 rock maybe, i do have a 7100 that i use up there occasionally
mike w7dra

On Sat, 30 Jun 2012 13:54:10 -0700 Bob Macklin <macklinbob@msn.com> writes:

Anyone still playing with radios?

A few weeks ago I heard some SLOW CODE between 7100 and 7125.

I just put my HR-10 on the bench to check it out. I had to replace one of the dial lamps but otherwise it seems OK.

I have to check out a TVI problem before trying to use the DX-60 at full power.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

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Raspberry Pill Burns Fat
How This Weird Fruit Extract Can Make You Thinner in Just 5 Days.
HLifestyles.com

755. Re: [heathkitnovicestations] Activirty??

Yahoo group: heathkitnovicestations
Date: 2012-06-30 21:46:43 UTC
From: w7dra@juno.com
Topic: 751 Message: 755
Attachments: 2 described; binary payloads are missing from this source WARC

most every night at 0545z (pdst) i am on 3557, usually calling W6SYY andy, where we have a chat, i would expect we connect about 3-5 times a week

i will be there /7 from sunland wa tue and wed next week, a little vacation time.....

mike w7dra

On Sat, 30 Jun 2012 14:30:37 -0700 Bob Macklin <macklinbob@...> writes:

Mike,

I can't work 80M here. Just 40M and higher.

I never hear anything between 3500 and 3600 except on contest days.

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I've has the SB-301 on 20M all day. Nothing there either. I sweep the band about one per hour.

Are you home now?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, June 30, 2012 2:17 PM
Subject: Re: [heathkitnovicestations] Activirty??

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mike w7dra

On Sat, 30 Jun 2012 13:54:10 -0700 Bob Macklin <macklinbob@...> writes:

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K5MYJ
Seattle, Wa.
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How This Weird Fruit Extract Can Make You Thinner in Just 5 Days.
HLifestyles.com

_____
5 Best Diet Pills of 2012
Find out which diet pills tested highest for weight loss. Free report.
http://thirdpartyoffers.juno.com/TGL3141/4fef73f1dafcf1dd7st05vuc

756. Re: [heathkitnovicestations] Activirty??

Yahoo group: heathkitnovicestations
Date: 2012-06-30 22:58:25 UTC
From: w7dra@juno.com
Topic: 751 Message: 756
Attachments: 3 described; binary payloads are missing from this source WARC

SKCC functions are the only real activity, once on tuesday and one sat/sun weekend a month, you will find some up around 7045 and 7110

mike w7dra

On Sat, 30 Jun 2012 14:46:43 -0700 w7dra@... writes:

most every night at 0545z (pdst) i am on 3557, usually calling W6SYY andy, where we have a chat, i would expect we connect about 3-5 times a week

i will be there /7 from sunland wa tue and wed next week, a little vacation time.....

mike w7dra

On Sat, 30 Jun 2012 14:30:37 -0700 Bob Macklin <macklinbob@...> writes:

Mike,

I can't work 80M here. Just 40M and higher.

I never hear anything between 3500 and 3600 except on contest days.

I also have not heard any 75M phone for a long time. There used to be 75M SSB activity between 3900 and 4000 late in the evening. I don't know where it went.

I've has the SB-301 on 20M all day. Nothing there either. I sweep the band about one per hour.

Are you home now?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, June 30, 2012 2:17 PM
Subject: Re: [heathkitnovicestations] Activirty??

that is what is left of the 80 meter new comer band. lots of fists and skcc chaps. i still havent left 3557 though, if i had a 7112 rock maybe, i do have a 7100 that i use up there occasionally

mike w7dra

On Sat, 30 Jun 2012 13:54:10 -0700 Bob Macklin <macklinbob@...>
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I just put my HR-10 on the bench to check it out. I had to replace one of
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K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

_____
Raspberry Pill Burns Fat
How This Weird Fruit Extract Can Make You Thinner in Just 5 Days.
HLifestyles.com

_____
5 Best Diet Pills of 2012
Find out which diet pills tested highest for weight loss. Free report.
DietRatings.org

757. Re: [heathkitnovicestations] Activirty??

Yahoo group: heathkitnovicestations
Date: 2012-07-01 05:12:31 UTC
From: w7dra@juno.com
Topic: 751 Message: 757
Attachments: 2 described; binary payloads are missing from this source WARC

ill be down for a half an hour starting on 7100 for a few minutes and then going to 3557, maybe 3546 my other good 80m rock.....

mike w7dra

On Sat, 30 Jun 2012 13:54:10 -0700 Bob Macklin <macklinbob@...> writes:

Anyone still playing with radios?

A few weeks ago I heard some SLOW CODE between 7100 and 7125.

I just put my HR-10 on the bench to check it out. I had to replace one of the dial lamps but otherwise it seems OK.

I have to check out a TVI problem before trying to use the DX-60 at full power.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

---
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.juno.com/TGL3141/4fefdc854d705c841aaast51vuc

758. New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-27 19:24:35 UTC
From: Pronto. (Military)
Topic: 758 Message: 758

Hi Guys. Let me introduce myself.
My name is Jim and the call is VE3DDY.
I restore and operate old tube type Heathkit gear.
Current project is the Heathkit HX-20 transmitter and HR-20 receiver.
See you on 80 or 40 CW.
Jim VE3DDY

759. Re: [heathkitnovicestations] New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-27 19:38:38 UTC
From: Bob Macklin
Topic: 758 Message: 759

Hi Jim,

Things have been slow here.

I live near Seattle and the bands are very slow here. Propagation?

I have been restoring Heath stuff for about 10 years. I built it new in the 60's!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "Pronto. (Military)" <portdoverbells@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Friday, July 27, 2012 12:24 PM
Subject: [heathkitnovicestations] New Guy on the block

> Hi Guys. Let me introduce myself.
> My name is Jim and the call is VE3DDY.
> I restore and operate old tube type Heathkit gear.
> Current project is the Heathkit HX-20 transmitter and HR-20 receiver.
> See you on 80 or 40 CW.
> Jim VE3DDY
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> Yahoo! Groups Links
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760. Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-28 14:31:26 UTC
From: Pronto. (Military)
Topic: 758 Message: 760

Hi Bob, Thanks for the reply.
What heath gear did you build?
I have a Mohawk and MARAUDER sitting on my back bench here.
I had lots of fun stabilizing the drift on the Mohawk to be suitable for SSB. The biggest problem was with the main tuning capacitor not being adequately grounded and not being set for thermal neutral.
Jim VE3DDY
Port Dover, ON

--- In heathkitnovicestations@yahoogroups.com, Bob Macklin <macklinbob@...> wrote:
>
> Hi Jim,
>
> Things have been slow here.
>
> I live near Seattle and the bands are very slow here. Propagation?
>
> I have been restoring Heath stuff for about 10 years. I built it new in the
> 60's!
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
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> ----- Original Message -----
> From: "Pronto. (Military)" <portdoverbells@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Friday, July 27, 2012 12:24 PM
> Subject: [heathkitnovicestations] New Guy on the block
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> > Hi Guys. Let me introduce myself.
> > My name is Jim and the call is VE3DDY.
> > I restore and operate old tube type Heathkit gear.
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> > See you on 80 or 40 CW.
> > Jim VE3DDY
> >
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> > Yahoo! Groups Links
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761. Re: [heathkitnovicestations] Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-28 14:49:44 UTC
From: Bob Macklin
Topic: 758 Message: 761

Back in the 60's I was employed in the instrumentation recorder industry. I built a lot of Heath signal generators and VTVMs. I also built several EICO scopes for personal use in those days.

In 1980 I bought a H-89 computer kit and used it for 10 years.

After I retired I found out about the Heath stuff on eBay. I bout a SB-301 and SB-401 that only needed minor work. I have a DX-60/HG10/HR-10 for a novice station. They are modified to my likes.

I did have a MR-1/MT-1 pair with the mobile powersupply but I sold it.

I currently have a pretty good lab made with mostly Heath gear. I have more Heath test equipment than I really need. I'm just a PAKRAT!

In the past month I have been studying radio propagation. There is a reverse beacon about 10 miles from where I live. I watch what it captures. It's telling me why I am not hearing much.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "Pronto. (Military)" <portdoverbells@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Saturday, July 28, 2012 7:31 AM
Subject: [heathkitnovicestations] Re: New Guy on the block

> Hi Bob, Thanks for the reply.
> What heath gear did you build?
> I have a Mohawk and MARAUDER sitting on my back bench here.
> I had lots of fun stabilizing the drift on the Mohawk to be suitable for
> SSB. The biggest problem was with the main tuning capacitor not being
> adequately grounded and not being set for thermal neutral.
> Jim VE3DDY
> Port Dover, ON
>
> --- In heathkitnovicestations@yahoogroups.com, Bob Macklin
> <macklinbob@...> wrote:
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>> Hi Jim,
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>> Things have been slow here.
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>> I live near Seattle and the bands are very slow here. Propagation?
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>> I have been restoring Heath stuff for about 10 years. I built it new in
>> the
>> 60's!
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>> ----- Original Message -----
>> From: "Pronto. (Military)" <portdoverbells@...>
>> To: <heathkitnovicestations@yahoogroups.com>
>> Sent: Friday, July 27, 2012 12:24 PM
>> Subject: [heathkitnovicestations] New Guy on the block
>>
>>
>> > Hi Guys. Let me introduce myself.
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762. Re: [heathkitnovicestations] Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-28 15:49:16 UTC
From: Carl
Topic: 758 Message: 762

In the late 50's and 60's I built a lot of Heath gear for others as a way to increase this poo boys meager income.

Later, when Heath opened retail stores I built a substantial number of their ham amps for Boston area stores. Many customers did not want to do any manual labor.... Other subcontractors built different products.

Carl
KM1H

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, July 28, 2012 10:49 AM
Subject: Re: [heathkitnovicestations] Re: New Guy on the block

Back in the 60's I was employed in the instrumentation recorder industry. I built a lot of Heath signal generators and VTVMs. I also built several EICO scopes for personal use in those days.

In 1980 I bought a H-89 computer kit and used it for 10 years.

After I retired I found out about the Heath stuff on eBay. I bout a SB-301 and SB-401 that only needed minor work. I have a DX-60/HG10/HR-10 for a novice station. They are modified to my likes.

I did have a MR-1/MT-1 pair with the mobile powersupply but I sold it.

I currently have a pretty good lab made with mostly Heath gear. I have more Heath test equipment than I really need. I'm just a PAKRAT!

In the past month I have been studying radio propagation. There is a reverse beacon about 10 miles from where I live. I watch what it captures. It's telling me why I am not hearing much.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "Pronto. (Military)" <portdoverbells@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Saturday, July 28, 2012 7:31 AM
Subject: [heathkitnovicestations] Re: New Guy on the block

> Hi Bob, Thanks for the reply.
> What heath gear did you build?
> I have a Mohawk and MARAUDER sitting on my back bench here.

> I had lots of fun stabilizing the drift on the Mohawk to be suitable for
> SSB. The biggest problem was with the main tuning capacitor not being
> adequately grounded and not being set for thermal neutral.
> Jim VE3DDY
> Port Dover, ON
>
> --- In heathkitnovicestations@yahoogroups.com, Bob Macklin
> <macklinbob@...> wrote:
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>> Hi Jim,
>>
>> Things have been slow here.
>>
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>> I have been restoring Heath stuff for about 10 years. I built it new in
>> the
>> 60's!
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>> ----- Original Message -----
>> From: "Pronto. (Military)" <portdoverbells@...>
>> To: <heathkitnovicestations@yahoogroups.com>
>> Sent: Friday, July 27, 2012 12:24 PM
>> Subject: [heathkitnovicestations] New Guy on the block
>>
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>> > Hi Guys. Let me introduce myself.
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5160 - Release Date: 07/28/12

763. Re: [heathkitnovicestations] Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-28 19:01:04 UTC
From: L L bahr
Topic: 758 Message: 763

Here your boy goes again!

Lee

----- Original Message -----

In the late 50's and 60's I built a lot of Heath gear for others as a way to increase this poo boys meager income.

Later, when Heath opened retail stores I built a substantial number of their ham amps for Boston area stores. Many customers did not want to do any manual labor.... Other subcontractors built different products.

Carl
KM1H

----- Original Message -----
From: Bob Macklin
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, July 28, 2012 10:49 AM
Subject: Re: [heathkitnovicestations] Re: New Guy on the block

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Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: "Pronto. (Military)" < portdoverbells@... >
To: < heathkitnovicestations@yahoogroups.com >

Sent: Saturday, July 28, 2012 7:31 AM
Subject: [heathkitnovicestations] Re: New Guy on the block

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> I had lots of fun stabilizing the drift on the Mohawk to be suitable for
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> adequately grounded and not being set for thermal neutral.
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>> From: "Pronto. (Military)" <portdoverbells@...>
>> To: < heathkitnovicestations@yahoogroups.com >
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5160 - Release Date: 07/28/12

764. Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-28 21:14:07 UTC
From: Pronto. (Military)
Topic: 758 Message: 764

Hey Bob and others, Would you have a heath manual for the heathkit IM 4120 Frequency counter?
I too currently have a Heth MR-1/ MT-1 Comanche/ Cheyenne and AC power supply sitting next to the Mohawk and Marauder. The HX-20/ HR-20 that I'm restoring has an interesting tale. I was looking for a pair of them for ages and eventually someone sent me them for the cost of postage. When I went to our local tube guy to buy some tubes he said "I have two more sets of those here as well you can have them for the cost of the tubes you wanted and you can probably get the tubes you want from them". So now I have two extra complete sets under the workbench in storage waiting to be brought back to life. Both the extra receivers work well.
I'm going to install BHI DSP in one receiver to see how it performs.
Jim

765. Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-28 21:17:26 UTC
From: Pronto. (Military)
Topic: 758 Message: 765

It's amazing how those Heath Linears have increased in price I have a HA-14 Linear which is the mini version with seperate power supply that superceded the SB-200.
I installed a couple of micro computer fans inside for cooling.
Jim

--- In heathkitnovicestations@yahoogroups.com, "Carl" <km1h@...> wrote:
>
> In the late 50's and 60's I built a lot of Heath gear for others as a way to
> increase this poo boys meager income.
>
> Later, when Heath opened retail stores I built a substantial number of their
> ham amps for Boston area stores. Many customers did not want to do any
> manual labor.... Other subcontractors built different products.
>
> Carl
> KM1H
>
>
>
>
> ----- Original Message -----
> From: Bob Macklin
> To: heathkitnovicestations@yahoogroups.com
> Sent: Saturday, July 28, 2012 10:49 AM
> Subject: Re: [heathkitnovicestations] Re: New Guy on the block
>
>
>
> Back in the 60's I was employed in the instrumentation recorder industry. I
> built a lot of Heath signal generators and VTVMs. I also built several EICO
> scopes for personal use in those days.
>
> In 1980 I bought a H-89 computer kit and used it for 10 years.
>
> After I retired I found out about the Heath stuff on eBay. I bout a SB-301
> and SB-401 that only needed minor work. I have a DX-60/HG10/HR-10 for a
> novice station. They are modified to my likes.
>
> I did have a MR-1/MT-1 pair with the mobile powersupply but I sold it.
>
> I currently have a pretty good lab made with mostly Heath gear. I have more
> Heath test equipment than I really need. I'm just a PAKRAT!
>
> In the past month I have been studying radio propagation. There is a reverse
> beacon about 10 miles from where I live. I watch what it captures. It's

> telling me why I am not hearing much.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: "Pronto. (Military)" <portdoverbells@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Saturday, July 28, 2012 7:31 AM
> Subject: [heathkitnovicestations] Re: New Guy on the block
>
> > Hi Bob, Thanks for the reply.
> > What heath gear did you build?
> > I have a Mohawk and MARAUDER sitting on my back bench here.
> > I had lots of fun stabilizing the drift on the Mohawk to be suitable for
> > SSB. The biggest problem was with the main tuning capacitor not being
> > adequately grounded and not being set for thermal neutral.
> > Jim VE3DDY
> > Port Dover, ON
> >
> > --- In heathkitnovicestations@yahoogroups.com, Bob Macklin
> > <macklinbob@> wrote:
> >>
> >> Hi Jim,
> >>
> >> Things have been slow here.
> >>
> >> I live near Seattle and the bands are very slow here. Propagation?
> >>
> >> I have been restoring Heath stuff for about 10 years. I built it new in
> >> the
> >> 60's!
> >>
> >> Bob Macklin
> >> K5MYJ
> >> Seattle, Wa.
> >> "Real Radios Glow In The Dark"
> >> ----- Original Message -----
> >> From: "Pronto. (Military)" <portdoverbells@>
> >> To: <heathkitnovicestations@yahoogroups.com>
> >> Sent: Friday, July 27, 2012 12:24 PM
> >> Subject: [heathkitnovicestations] New Guy on the block
> >>
> >>
> >> > Hi Guys. Let me introduce myself.
> >> > My name is Jim and the call is VE3DDY.
> >> > I restore and operate old tube type Heathkit gear.
> >> > Current project is the Heathkit HX-20 transmitter and HR-20 receiver.
> >> > See you on 80 or 40 CW.

> >> > Jim VE3DDY
> >> >
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>

766. Re: [heathkitnovicestations] Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-28 22:47:40 UTC
From: Carl
Topic: 758 Message: 766

I have one of those with the DC supply I rescued from a CBer who gutted it so I put it on 6M back when I ran mobile. Some day I'll redo as original, have most of the parts.

Also have a SB-200, 220 and 230 for amps. Plus a DX-35, DX-60, HG-10B, Seneca, some FET/bipolar transistor tester and maybe a few others Ive forgot about.

Also have a DX-100 to overhaul for a customer. That was the first Heath I built in 57 for myself and then many more.

Cant help with the IM 4120 but I do have lots of schematics and some full manuals on the hard drive.

Carl
KM1H

----- Original Message -----
From: Pronto. (Military)
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, July 28, 2012 5:17 PM
Subject: [heathkitnovicestations] Re: New Guy on the block

It's amazing how those Heath Linears have increased in price I have a HA-14 Linear which is the mini version with seperate power supply that superceded the SB-200.
I installed a couple of micro computer fans inside for cooling.
Jim

--- In heathkitnovicestations@yahoogroups.com, "Carl" <km1h@...> wrote:
>
> In the late 50's and 60's I built a lot of Heath gear for others as a way
> to
> increase this poo boys meager income.
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> Later, when Heath opened retail stores I built a substantial number of
> their
> ham amps for Boston area stores. Many customers did not want to do any
> manual labor.... Other subcontractors built different products.
>
> Carl
> KM1H
>
>
>
>
> ----- Original Message -----

> From: Bob Macklin
> To: heathkitnovicestations@yahoogroups.com
> Sent: Saturday, July 28, 2012 10:49 AM
> Subject: Re: [heathkitnovicestations] Re: New Guy on the block
>
>
>
> Back in the 60's I was employed in the instrumentation recorder industry.
> I
> built a lot of Heath signal generators and VTVMs. I also built several
> EICO
> scopes for personal use in those days.
>
> In 1980 I bought a H-89 computer kit and used it for 10 years.
>
> After I retired I found out about the Heath stuff on eBay. I bout a SB-301
> and SB-401 that only needed minor work. I have a DX-60/HG10/HR-10 for a
> novice station. They are modified to my likes.
>
> I did have a MR-1/MT-1 pair with the mobile powersupply but I sold it.
>
> I currently have a pretty good lab made with mostly Heath gear. I have
> more
> Heath test equipment than I really need. I'm just a PAKRAT!
>
> In the past month I have been studying radio propagation. There is a
> reverse
> beacon about 10 miles from where I live. I watch what it captures. It's
> telling me why I am not hearing much.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: "Pronto. (Military)" <portdoverbells@...>
> To: <heathkitnovicestations@yahoogroups.com>
> Sent: Saturday, July 28, 2012 7:31 AM
> Subject: [heathkitnovicestations] Re: New Guy on the block
>
> > Hi Bob, Thanks for the reply.
> > What heath gear did you build?
> > I have a Mohawk and MARAUDER sitting on my back bench here.
> > I had lots of fun stabilizing the drift on the Mohawk to be suitable for
> > SSB. The biggest problem was with the main tuning capacitor not being
> > adequately grounded and not being set for thermal neutral.
> > Jim VE3DDY
> > Port Dover, ON
> >
> > --- In heathkitnovicestations@yahoogroups.com, Bob Macklin

> > <macklinbob@> wrote:
> >>
> >> Hi Jim,
> >>
> >> Things have been slow here.
> >>
> >> I live near Seattle and the bands are very slow here. Propagation?
> >>
> >> I have been restoring Heath stuff for about 10 years. I built it new in
> >> the
> >> 60's!
> >>
> >> Bob Macklin
> >> K5MYJ
> >> Seattle, Wa.
> >> "Real Radios Glow In The Dark"
> >> ----- Original Message -----
> >> From: "Pronto. (Military)" <portdoverbells@>
> >> To: <heathkitnovicestations@yahoogroups.com>
> >> Sent: Friday, July 27, 2012 12:24 PM
> >> Subject: [heathkitnovicestations] New Guy on the block
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> >> > Hi Guys. Let me introduce myself.
> >> > My name is Jim and the call is VE3DDY.
> >> > I restore and operate old tube type Heathkit gear.
> >> > Current project is the Heathkit HX-20 transmitter and HR-20 receiver.
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> Version: 10.0.1424 / Virus Database: 2437/5160 - Release Date: 07/28/12
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5160 - Release Date: 07/28/12

767. Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-29 01:54:58 UTC
From: Pronto. (Military)
Topic: 758 Message: 767

I recently saw an HA-14 which had been installed in a HW32 box and had fans and metering circuits and loading capacitor installed as well.
It goes to make a pretty small Kilowatt amp just nice for a desktop. The power supply was still outboard.
There is a mod on the HX-20 which replaces the 6146 final with a 4cx250 for higher power output.
jim VE3DDY

--- In heathkitnovicestations@yahoogroups.com, "Carl" <km1h@...> wrote:
>
> I have one of those with the DC supply I rescued from a CBer who gutted it
> so I put it on 6M back when I ran mobile. Some day I'll redo as original,
> have most of the parts.

768. Re: [heathkitnovicestations] Re: New Guy on the block

Yahoo group: heathkitnovicestations
Date: 2012-07-29 13:02:19 UTC
From: Carl
Topic: 758 Message: 768

Nothing surprises me any more.
A friend who is tired of Chinese crap 572B's is converting his SB-200 to swamped grid 4CX250B's.

Carl
KM1H

----- Original Message -----
From: Pronto. (Military)
To: heathkitnovicestations@yahoogroups.com
Sent: Saturday, July 28, 2012 9:54 PM
Subject: [heathkitnovicestations] Re: New Guy on the block

I recently saw an HA-14 which had been installed in a HW32 box and had fans and metering circuits and loading capacitor installed as well.
It goes to make a pretty small Kilowatt amp just nice for a desktop. The power supply was still outboard.
There is a mod on the HX-20 which replaces the 6146 final with a 4cx250 for higher power output.
jim VE3DDY

--- In heathkitnovicestations@yahoogroups.com, "Carl" <km1h@...> wrote:
>
> I have one of those with the DC supply I rescued from a CBer who gutted it
> so I put it on 6M back when I ran mobile. Some day I'll redo as original,
> have most of the parts.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5162 - Release Date: 07/29/12

769. Tear my hair out

Yahoo group: heathkitnovicestations
Date: 2012-07-30 23:03:55 UTC
From: Pronto. (Military)
Topic: 769 Message: 769

I just spent ages rebuilding a Heathkit VFO in a transmitter and when I went to try it out I found my bands were reversed high to low so 4.0 mhz is where 3.5 should be. I guess I reassembled it with the VFO capacitor fully meshed instead of fully open.
That dial string is a pain to set up as well :-)
Jim VE3DDY

770. Re: [heathkitnovicestations] Tear my hair out

Yahoo group: heathkitnovicestations
Date: 2012-08-02 01:49:20 UTC
From: Adrian Flynn
Topic: 769 Message: 770

MURPHY paid you a visit.
You learn that way

73
Adrian KF7DYU

On Mon, Jul 30, 2012 at 7:03 PM, Pronto. (Military) <
portdoverbells@...> wrote:

> **
>
>
> I just spent ages rebuilding a Heathkit VFO in a transmitter and when I
> went to try it out I found my bands were reversed high to low so 4.0 mhz is
> where 3.5 should be. I guess I reassembled it with the VFO capacitor fully
> meshed instead of fully open.
> That dial string is a pain to set up as well :-)
> Jim VE3DDY
>
>
>

771. HEATH HX-20/ HR-20

Yahoo group: heathkitnovicestations
Date: 2012-08-06 13:43:57 UTC
From: Pronto. (Military)
Topic: 771 Message: 771

I just put quite a bit of time into these rigs to get them restored and operational.
One thing for sure, The tuning rate of the TX VFO is away too coarse to use for for accurate SSB netting. I'll have to install an XIT circuit to fine tune the VFO . I'll get a dual 10K pot and replace the drive control pot with the new one that will have concentric shafts. That way there are no more holes on the front panel and TX incremental tuning will be the small lever behind the drive potentiometer.
Jim VE3DDY

772. RE: [heathkitnovicestations] HEATH HX-20/ HR-20

Yahoo group: heathkitnovicestations
Date: 2012-08-06 14:29:35 UTC
From: W8KZW
Topic: 771 Message: 772
Attachments: 1 described; binary payloads are missing from this source WARC

... the amazing thing is that Heath advertised this as a transmitter for MOBILE use! Imaging setting your transmit frequency while driving along a bumpy road!

That said, I always wanted to try this TX/RX combo. Seemed like a lot of bang for the buck.

Sounds like you'll be using a varicap with your mod? Would a vernier work for you?

My first AM rig was a DX-60A / HG-10 my dad bought for me as a kit back in +/- 1966. I ran it with a Lafayette HA-350 receiver (talk about fast tuning rates). AM always sounded crappy on that RX as the passband was so narrow ... but it could really hear.

Jeff
W8KZW

-----Original Message-----
From: Pronto. (Military) [mailto:portdoverbells@...]
Sent: Monday, August 06, 2012 9:44 AM
To: heathkitnovicestations@yahoogroups.com
Subject: [heathkitnovicestations] HEATH HX-20/ HR-20

I just put quite a bit of time into these rigs to get them restored and operational.
One thing for sure, The tuning rate of the TX VFO is away too coarse to use for for accurate SSB netting. I'll have to install an XIT circuit to fine tune the VFO . I'll get a dual 10K pot and replace the drive control pot with the new one that will have concentric shafts. That way there are no more holes on the front panel and TX incremental tuning will be the small lever behind the drive potentiometer.
Jim VE3DDY

773. Re: HEATH HX-20/ HR-20

Yahoo group: heathkitnovicestations
Date: 2012-08-06 22:40:07 UTC
From: Pronto. (Military)
Topic: 771 Message: 773

It would be OK for mobile as the various geared shafts are spring loaded and the TX tuning is quite stiff. Thats the problem in that you put torque on the tuning knob and the frequency suddenly moves and you overshoot the net frequency. A varicap system would be ideal as compared to a vernier dial. With a vernier dial it would take ages to QSY a few KCs but with a varicap all you do is use the main tuning to get into the Ballpark and the fine tune with the XIT.
I looked for one of these rigs for ages and then suddenly had 3 complete sets. I will sell this completely restored one in the near future as I have just inherited two SB-303's and a SB-401 etc etc and have to make room
Jim VE3DDY

--- In heathkitnovicestations@yahoogroups.com, "W8KZW" <w8kzw@...> wrote:
>
> ... the amazing thing is that Heath advertised this as a transmitter for
> MOBILE use! Imaging setting your transmit frequency while driving along a
> bumpy road!
>
>
>
>
> That said, I always wanted to try this TX/RX combo. Seemed like a lot of
> bang for the buck.
>
> Sounds like you'll be using a varicap with your mod? Would a vernier work
> for you?
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> My first AM rig was a DX-60A / HG-10 my dad bought for me as a kit back in
> +/- 1966. I ran it with a Lafayette HA-350 receiver (talk about fast tuning
> rates). AM always sounded crappy on that RX as the passband was so narrow
> ... but it could really hear.
>
> Jeff
> W8KZW
>
>
> -----Original Message-----
> From: Pronto. (Military) [mailto:portdoverbells@...]
> Sent: Monday, August 06, 2012 9:44 AM
> To: heathkitnovicestations@yahoogroups.com
> Subject: [heathkitnovicestations] HEATH HX-20/ HR-20
>
>
>
> I just put quite a bit of time into these rigs to get them restored and
> operational.

> One thing for sure, The tuning rate of the TX VFO is away too coarse to
> use for for accurate SSB netting. I'll have to install an XIT circuit to
> fine tune the VFO . I'll get a dual 10K pot and replace the drive control
> pot with the new one that will have concentric shafts. That way there are no
> more holes on the front panel and TX incremental tuning will be the small
> lever behind the drive potentiometer.
> Jim VE3DDY
>

774. Re: [heathkitnovicestations] Re: HEATH HX-20/ HR-20

Yahoo group: heathkitnovicestations
Date: 2012-08-07 03:45:47 UTC
From: Ray
Topic: 771 Message: 774

I got my HX/HR20 when I got to Germany in October 1963. Good operating little station. I had a 5bd Hygain 5 band dipole and worked all the place. After I got married and moved off base, I picked up a R390 receiver and set my frequency by using the spot to zero beat to the receiver. Later I traded a Globe LA1 amp to a fellow for a BC610I. Good transmitter and I made a capacitive divider and fed the output of the hx20 into the drive units which in turn gave me about 450 watts from the 250TH. I ran that combo for a number of years and still regret getting rid of the anchors. Big, heavy but reliable, same with the HX20. Over the years I have had a couplt of the little gems and let them go. Well worth the effort to get one up and running. I had the original article from 73 magazine to convert it to a higher power transmitter, complete with the loctal socket and other parts. However after talking it over with others, I decided not to do that mod as the air circulation for the 4X150a just was not sufficient.
Ray W5XE

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op USAFSS,kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115,ESX cw 016
ARCI-5784 fp #111 SKCC-1486 NCT2R El Paso,(FAR WEST)TEXAS

>

775. Some Mothers have hard luck

Yahoo group: heathkitnovicestations
Date: 2012-08-09 23:56:41 UTC
From: Pronto. (Military)
Topic: 775 Message: 775

I spent some time and cabled together my SB-303 and the SB-401 transmitter.
I just about pulled my hair out trying to figure why the transmit frequency was 800 Hz higher than the received frequency. After a lot of hair pulling and head scratching it dawned on me that it had to be 800 Hz higher as that is the tone the other CW operator has to hear.
Pray for me
Jim VE3DDY

776. Activity?

Yahoo group: heathkitnovicestations
Date: 2013-03-16 21:30:11 UTC
From: Bob
Topic: 205 Message: 776

This group has been very inactive.

I have been meaning to get my 40M station operating but due to a seeming lack of activity here in the PNW except on contest days I have not had much enthusium.

Bob Macklin
K5MYJ
Seattle, Wa

777. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2013-03-16 22:09:24 UTC
From: Jim Larsen
Topic: 205 Message: 777

Hi Bob,

I do think it would be fun to get my HW-16 on the air before 15 meters
goes away again at high latitudes. You folks waaaay down south in
Seattle have no idea how lousy props can get at high latitudes.

Ah...but the mountains out the door make up for a lot.

73, Jim

Jim Larsen, AL7FS
Anchorage Alaska
907-345-3190
http://www.AL7FS.us/

On 3/16/2013 1:30 PM, Bob wrote:
> This group has been very inactive.
>
> I have been meaning to get my 40M station operating but due to a seeming lack of activity here in the PNW except on contest days I have not had much enthusium.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa
>
>

778. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2013-03-16 22:53:23 UTC
From: Bob Macklin
Topic: 205 Message: 778

I just don't understand why I hear so much on contest days and ZIP in between?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: "Jim Larsen" <jimlarsen2002@...>
To: <heathkitnovicestations@yahoogroups.com>
Sent: Saturday, March 16, 2013 3:09 PM
Subject: Re: [heathkitnovicestations] Activity?

> Hi Bob,
>
> I do think it would be fun to get my HW-16 on the air before 15 meters
> goes away again at high latitudes. You folks waaaay down south in
> Seattle have no idea how lousy props can get at high latitudes.
>
> Ah...but the mountains out the door make up for a lot.
>
> 73, Jim
>
> Jim Larsen, AL7FS
> Anchorage Alaska
> 907-345-3190
> http://www.AL7FS.us/
>
>
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>> Bob Macklin
>> K5MYJ
>> Seattle, Wa
>>
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> Yahoo! Groups Links
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779. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2013-03-16 23:14:44 UTC
From: GENE
Topic: 205 Message: 779

Bob:

Maybe it is because we are all getting too lazy to tune around and dig out a contact?

Gene, W?QFC

780. RE: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2013-03-16 23:23:35 UTC
From: JAMES HANLON
Topic: 205 Message: 780

Anyone game for a schedule?

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: erastber@...
Date: Sat, 16 Mar 2013 19:14:44 -0400
Subject: Re: [heathkitnovicestations] Activity?

Bob:

Maybe it is because we are all getting too lazy to tune around and dig out a contact?

Gene, WØQFC

781. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2013-03-16 23:32:09 UTC
From: Jim Larsen
Topic: 205 Message: 781

That is true. But I am glad there are still enough CW ops to make the bands noisy at times. I do wish people did not have to be so busy with life that they cannot operate a bit more but in today's economy the last few years and in life in general, one has to prioritize.

Hope to work you some day.

Jim

Jim Larsen, AL7FS
Anchorage Alaska
907-345-3190
http://www.AL7FS.us/

On 3/16/2013 2:53 PM, Bob Macklin wrote:
> I just don't understand why I hear so much on contest days and ZIP in
> between?
>
> Bob Macklin
> K5MYJ

782. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2013-03-16 23:46:28 UTC
From: Jim Larsen
Topic: 205 Message: 782

I received my Novice license in March 1965 and my first station was a Hammarlund HQ-140X with a Harvey Wells T-90 Bandmaster. We were all crystal controlled and learned to tune up and down after every CQ. Sometimes we tuned a long way. It was great fun.

I have been into QRP since about 1969 or 1970 and tuning is still important there although less than when so many QRPers were using crystals.

Gene, I do think people get lazy. Everyone turns on the radio, sweeps the band, hears nothing and quits. We need to start a campaign to get more people to call CQ, spend a little time and make some noise. It wouldn't surprise me if 10-20 stations are tuning and nobody is calling.

My Elmer in 1964-65 was W?UEX. I always have liked W? by 3 letter callsigns ever since. Check out my Elmer at

<http://www.al7fs.us/W0UEX%20Otto%20Lorenzen%20Atlantic%20IA-large.jpg>

How many keys or bugs can you count at his Railroad Telegraphers station?

73, Jim

Jim Larsen, AL7FS
Anchorage Alaska
907-345-3190
http://www.AL7FS.us/

On 3/16/2013 3:14 PM, GENE wrote:
> Bob:
>
> Maybe it is because we are all getting too lazy to tune around and dig out a
> contact?
>
> Gene, W?QFC
>
>

783. Re: [heathkitnovicestations] Activity?

Yahoo group: heathkitnovicestations
Date: 2013-03-17 00:03:54 UTC
From: Jim Larsen
Topic: 205 Message: 783

In addition, how many sounders can you find?

Jim

Jim Larsen, AL7FS
Anchorage Alaska
907-345-3190
http://www.AL7FS.us/

On 3/16/2013 3:46 PM, Jim Larsen wrote:
> I received my Novice license in March 1965 and my first station was a
> Hammarlund HQ-140X with a Harvey Wells T-90 Bandmaster. We were all
> crystal controlled and learned to tune up and down after every CQ.
> Sometimes we tuned a long way. It was great fun.
>
> I have been into QRP since about 1969 or 1970 and tuning is still
> important there although less than when so many QRPers were using
> crystals.
>
> Gene, I do think people get lazy. Everyone turns on the radio, sweeps
> the band, hears nothing and quits. We need to start a campaign to get
> more people to call CQ, spend a little time and make some noise. It
> wouldn't surprise me if 10-20 stations are tuning and nobody is calling.
>
> My Elmer in 1964-65 was W?UEX. I always have liked W? by 3 letter
> callsigns ever since. Check out my Elmer at
>
> <http://www.al7fs.us/W0UEX%20Otto%20Lorenzen%20Atlantic%20IA-large.jpg>
>
> How many keys or bugs can you count at his Railroad Telegraphers station?
>
> 73, Jim
>
> Jim Larsen, AL7FS
> Anchorage Alaska
> 907-345-3190
> http://www.AL7FS.us/

784. DX-60B HV Mod

Yahoo group: heathkitnovicestations
Date: 2013-03-17 11:24:49 UTC
From: russellhulett
Topic: 784 Message: 784

Having recently bought a DX-60B that seems like a "keeper", am planning to install a relay to switch the B+ and save the function switch.

Reviewing the modification in the files section, evidently most have used filament voltage to power the coil. Having a NIB 120VAC Coil DPDT 10 amp relay with a 5000 ohm coil on hand, seems to me that a 120VAC relay would generate lower current through the switch contacts than a high current/low voltage relay coil. I plan to get power from the transformer primary while installing a three-wire power lead and fuse.

Is there something I am missing that would make filament voltage a better choice?

73, Curt KB5JO

785. HG-10B/DX-60B keying problems?

Yahoo group: heathkitnovicestations
Date: 2013-06-26 15:09:57 UTC
From: russellhulett
Topic: 785 Message: 785

My HG-10B has stopped keying correctly. With DX-60B using a crystal, HG-10B NE-2 lamp shows -59 VDC in standby and lit. Switch to tune, key transmitter causes light to go out, key up and lamp back on.

Using VFO position, -59 VDC in standby and lit. Switch to tune, key transmitter, lamp goes out and stays out, VFO continues to run at key up. Voltage on NE-02 goes to -76 VDC but NE02 stays off (?!). Switch to standby, voltage drops to -59 VDC and lamp turns back on.

Any ideas would be appreciated.

73, Curt KB5JO

786. 40M Novice Activity!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 00:20:39 UTC
From: Bob
Topic: 786 Message: 786

There is a group of Ameco AC-1 users running a net on about 7105 Tuesday evenings. Early, I think between 6 and 7 PM eastern time.

I really am working on my DX-60. I hope to have it working by this weekend.

Bob Macklin
K5MYJ

787. Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 00:44:05 UTC
From: Bob
Topic: 787 Message: 787

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

788. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 01:27:37 UTC
From: L L bahr
Topic: 787 Message: 788

I'm here.

Lee , w0vt
Houston, TX

----- Original Message -----

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

789. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 01:33:28 UTC
From: <w7dra@...>
Topic: 787 Message: 789
Attachments: 2 described; binary payloads are missing from this source WARC

my and second operator barry the cat will be on about 10:30 pdst most evenings on or abouts 3560 kcs

On Tue, 30 Jul 2013 21:27:37 -0400 (EDT) L L bahr <pulsarxp@...> writes:

I'm here.

Lee, w0vt
Houston, TX

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify…
http://thirdpartyoffers.juno.com/TGL3141/51f8698d6660e698d6249st02vuc

790. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 01:34:54 UTC
From: Jim Larsen
Topic: 787 Message: 790

I am just sitting here with "worm on tongue."

Uhhhh..."bated breath?"

Jim

Jim Larsen, AL7FS
Anchorage Alaska
907-345-3190
http://www.AL7FS.us/

On 7/30/2013 4:44 PM, Bob wrote:
> How many people are still watching this list.
>
> I have gotten to a point that I am spending much more time on my radios than any of my other stuff.
>
> I hope to have my DX-60/HG-10/HR-10 station working by this weekend.
>
> Bob Macklin
> K5MYJ
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
>
>

791. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 01:35:17 UTC
From: Bob Macklin
Topic: 787 Message: 791

I saw your comments on the AC-1 list.

What kind of CW activity do you see in your area?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: L L bahr
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:27 PM
Subject: Re: [heathkitnovicestations] Roll Call!

I'm here.

Lee, w0vt
Houston, TX

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

792. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 01:41:15 UTC
From: L L bahr
Topic: 787 Message: 792

Bob,

I hear a lot of stations on 40 meters both on the lower part of the band 7000-7050. Plus I hear slow speed CW between 7100 -7125. I heard around 4 different QSOs going on between 7100 and 7125 while the Ameco AC-1 guys were on. These QSOs were spaced low middle and high between 7100 and 7125. I had no problem hearing the guys in the Midwest. although it's only 5:30 here in Houston. I think they would come in much better a couple hours later.

Lee

----- Original Message -----

☐
I saw your comments on the AC-1 list.

What kind of CW activity do you see in your area?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: L L bahr
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:27 PM
Subject: Re: [heathkitnovicestations] Roll Call!

I'm here.

Lee, w0vt
Houston, TX

----- Original Message -----

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

793. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 01:42:41 UTC
From: Bob Macklin
Topic: 787 Message: 793

Mike,

Do you still have your HW-16?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@juno.com
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:33 PM
Subject: Re: [heathkitnovicestations] Roll Call!

□

my and second operator barry the cat will be on about 10:30 pdst most evenings on or abouts 3560 kcs

On Tue, 30 Jul 2013 21:27:37 -0400 (EDT) L L bahr <pulsarxp@...> writes:

I'm here.

Lee, w0vt
Houston, TX

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

_____
One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify…
newsmax.com

794. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 02:05:23 UTC
From: Bob Macklin
Topic: 787 Message: 794

Lee,

I'm glad you are hearing anything. Not good here.

It's my experience 40M is better mid evening. Between 7PM and 10PM local time. My 7PM is your 10PM.

I just put the SB-301 on 7030 and there is something there.

The DX-60 has 3 FT243 sockets. I have a 7290 AM crystal in one slot. I'm putting a crystal in for the low CW section (~7050) and one in the Novice segment. I should get that done tomorrow.

Then I have to do some testing.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: L L bahr
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:41 PM
Subject: Re: [heathkitnovicestations] Roll Call!

Bob,

I hear a lot of stations on 40 meters both on the lower part of the band 7000-7050. Plus I hear slow speed CW between 7100 -7125. I heard around 4 different QSOs going on between 7100 and 7125 while the Ameco AC-1 guys were on. These QSOs were spaced low middle and high between 7100 and 7125. I had no problem hearing the guys in the Midwest. although it's only 5:30 here in Houston. I think they would come in much better a couple hours later.

Lee

□

I saw your comments on the AC-1 list.

What kind of CW activity do you see in your area?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----

From: L L bahr
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:27 PM
Subject: Re: [heathkitnovicestations] Roll Call!

I'm here.

Lee, w0vt
Houston, TX

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

795. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 02:22:34 UTC
From: K1NV
Topic: 787 Message: 795

K1NV here with AT-1, HW-16's, HR-10, HG-10, and DX-60.
>
> How many people are still watching this list.
>
> I have gotten to a point that I am spending much more time on my
> radios than any of my other stuff.
>
> I hope to have my DX-60/HG-10/HR-10 station working by this weekend.
>
> Bob Macklin
> K5MYJ
>
>

796. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 02:29:20 UTC
From: L L bahr
Topic: 787 Message: 796

I've got some simple things to do here too to get on the air, but plan to soon. I'll sure be looking out for you. Yes, it's been my experience operating on 7160 AM the band starts going long and the 4s start rolling in here as we get close to sunset.. Lee, w0vt ----- Original Message ----- ☐ Lee, I'm glad you are hearing anything. Not good here. It's my experience 40M is better mid evening. Between 7PM and 10PM local time. My 7PM is your 10PM. I just put the SB-301 on 7030 and there is something there. The DX-60 has 3 FT243 sockets. I have a 7290 AM crystal in one slot. I'm putting a crystal in for the low CW section (~7050) and one in the Novice segment. I should get that done tomorrow. Then I have to do some testing. Bob Macklin K5MYJ Seattle, Wa. "Real Radios Glow In The Dark" ----- Original Message ----- From: L L bahr To: heathkitnovicestations@yahoogroups.com Sent: Tuesday, July 30, 2013 6:41 PM Subject: Re: [heathkitnovicestations] Roll Call! Bob, I hear a lot of stations on 40 meters both on the lower part of the band 7000-7050. Plus I hear slow speed CW between 7100 -7125. I heard around 4 different QSOs going on between 7100 and 7125 while the Ameco AC-1 guys were on. These QSOs were spaced low middle and high between 7100 and 7125. I had no problem hearing the guys in the Midwest. although it's only 5:30 here in Houston. I think they would come in much better a couple hours later. Lee ----- Original Message ----- ☐ I saw your comments on the AC-1 list. What kind of CW activity do you see in your area? Bob Macklin K5MYJ Seattle, Wa. "Real Radios Glow In The Dark" ----- Original Message ----- From: L L bahr To: heathkitnovicestations@yahoogroups.com Sent: Tuesday, July 30, 2013 6:27 PM Subject: Re: [heathkitnovicestations] Roll Call! I'm here. Lee, w0vt Houston, TX ----- Original Message ----- How many people are still watching this list. I have gotten to a point that I am spending much more time on my radios than any of my other stuff. I hope to have my DX-60/HG-10/HR-10 station working by this weekend. Bob Macklin K5MYJ

797. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 02:38:57 UTC
From: Brian Ford
Topic: 787 Message: 797

Hi Bob A question back any hams in the Houston Mo, area.

Read the new articles and ads at http://sites.google.com/site/kf4tapenterprises/

From: Bob <macklinbob@msn.com>
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

798. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 02:53:25 UTC
From: William R Colbert
Topic: 787 Message: 798

I am also here and will soon have my hw16 back on air.
Ray, W5XE

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
former cw op USAFSS,kki73, kkj67, kmi66, kmi66a, kge22
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M GQRP 6115,ESX cw 016
ARCI-5784 fp #111 SKCC-1486 NCT2R El Paso,(FAR WEST)TEXAS

From: Bob <macklinbob@...>
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

Yahoo! Groups Links

http://docs.yahoo.com/info/terms/

799. Re: [heathkitnovicestations] 40M Novice Activity!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 03:00:44 UTC
From: Bry Carling
Topic: 786 Message: 799

That's great Bob.

Maybe we can try a DX60 to DX 60 QSO soon!

Bry, AF4K

Bob <macklinbob@...> wrote:
>There is a group of Ameco AC-1 users running a net on about 7105
>Tuesday evenings. Early, I think between 6 and 7 PM eastern time.
>
>I really am working on my DX-60. I hope to have it working by this
>weekend.
>
>Bob Macklin
>K5MYJ
>
>
>
>----------
>
>Yahoo! Groups Links
>
>
>
--
Sent from my Android phone with K-9 Mail. Please excuse my brevity.

800. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 03:20:50 UTC
From: Ron Kolarik
Topic: 787 Message: 800

I'm still here but haven't had a radio on since Feb., probably
won't get back on until the snow flies.....way too much to do.
DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
not a basket case like the HR-10 is.....poor shipping/packer :(

Ron
K0IDT

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

801. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 04:29:11 UTC
From: Paul Beckwith
Topic: 787 Message: 801

Still here. Working on AT-1.

73's de Paul K2LMQ Kingman, AZ

802. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 05:19:15 UTC
From: <w7dra@...>
Topic: 787 Message: 802
Attachments: 2 described; binary payloads are missing from this source WARC

my radio of choice is a RAL-7 receiver, and a 6AG7/807/810 at over 100 watts and a dipole. right next to that rig is my hw16/hg10. been thinking about working the washinton satae salmon run, and the hw16 is my portable rig.....good to turn it on now and then.....

mike w7dra
On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik" <K0IDT@...> writes:

I'm still here but haven't had a radio on since Feb., probably
won't get back on until the snow flies.....way too much to do.
DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
not a basket case like the HR-10 is.....poor shipping/packer :(

Ron
K0IDT

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

_____
One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify…
http://thirdpartyoffers.juno.com/TGL3141/51f89ea0f16a01ea0578ast02vuc

803. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 05:21:49 UTC
From: <w7dra@...>
Topic: 787 Message: 803
Attachments: 2 described; binary payloads are missing from this source WARC

i had 4, now i only have one

mike w7dra

On Tue, 30 Jul 2013 18:42:41 -0700 Bob Macklin <macklinbob@...>
writes:

?
Mike,

Do you still have your HW-16?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:33 PM
Subject: Re: [heathkitnovicestations] Roll Call!

?
my and second operator barry the cat will be on about 10:30 pdst most
evenings on or abouts 3560 kcs

On Tue, 30 Jul 2013 21:27:37 -0400 (EDT) L L bahr
<pulsarxp@...> writes:

I'm here.

Lee, w0vt
Houston, TX

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios
than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify?

newsmax.com

One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify…
http://thirdpartyoffers.juno.com/TGL3141/51f89f1ad130b1f1a5d6cst02vuc

804. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 05:52:45 UTC
From: <w7dra@...>
Topic: 787 Message: 804
Attachments: 3 described; binary payloads are missing from this source WARC

i have had my share of heathkits, namely SWR meters, but i did get and still have a DX20, or what is left of it, new power trasnformer, modified for QRP somehow - but mostly the hw16 was me protable rig of choice, took them all over the world, when i was younger

mike w7dra

On Tue, 30 Jul 2013 22:19:15 -0700 <w7dra@...> writes:

my radio of choice is a RAL-7 receiver, and a 6AG7/807/810 at over 100 watts and a dipole. right next to that rig is my hw16/hg10. been thinking about working the washinton satae salmon run, and the hw16 is my portable rig.....good to turn it on now and then.....

mike w7dra
On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik" <K0IDT@...> writes:

I'm still here but haven't had a radio on since Feb., probably
won't get back on until the snow flies.....way too much to do.
DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
not a basket case like the HR-10 is.....poor shipping/packer :(

Ron
K0IDT

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

_____
One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify?
newsmax.com

805. RE: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 12:57:48 UTC
From: W8KZW
Topic: 787 Message: 805

Reading this list is as close as I get to returning to my DX-60A / HG-10 / Lafayette HA-350 setup from circa 1967.

I have multiples of the TX and RX .... just have no time to restore the gear and put the station back together!

In the spirit of full disclosure, I don't think I assembled my DX-60A and ran it until I was a General. Novice rigs were first a homebrew 6DQ6 chirp generator, then a Globe HG-303.

73,
Jeff
W8KZW
ex WN2SCH from Poughkeepsie, NY

-----Original Message-----
From: Bob [mailto:macklinbob@...]
Sent: Tuesday, July 30, 2013 8:44 PM
To: heathkitnovicestations@yahoogroups.com
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

806. RE: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 14:11:56 UTC
From: Bry Carling
Topic: 787 Message: 806

HG303 was a cool rig. I can't wait to get on the air with my DX 60 B. Already tested it and it is putting out good RF.

Bry AF4K

W8KZW <w8kzw@...> wrote:
>Reading this list is as close as I get to returning to my DX-60A /
>HG-10 /
>Lafayette HA-350 setup from circa 1967.
>
>I have multiples of the TX and RX .... just have no time to restore the
>gear
>and put the station back together!
>
>In the spirit of full disclosure, I don't think I assembled my DX-60A
>and
>ran it until I was a General. Novice rigs were first a homebrew 6DQ6
>chirp
>generator, then a Globe HG-303.
>
>73,
>Jeff
>W8KZW
>ex WN2SCH from Poughkeepsie, NY
>
>
>
> -----Original Message-----
> From: Bob [mailto:macklinbob@...]
> Sent: Tuesday, July 30, 2013 8:44 PM
> To: heathkitnovicestations@yahoogroups.com
> Subject: [heathkitnovicestations] Roll Call!
>
>
>
> How many people are still watching this list.
>
>I have gotten to a point that I am spending much more time on my radios
>than any of my other stuff.
>
> I hope to have my DX-60/HG-10/HR-10 station working by this weekend.
>
> Bob Macklin
> K5MYJ
>

>
>
>

--
Sent from my Android phone with K-9 Mail. Please excuse my brevity.

807. DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-07-31 14:50:32 UTC
From: K5MYJ
Topic: 807 Message: 807

The DX-60 has 120VAC (or whatever your line voltage is) on the accessory socket to activate an antenna relay.

I just don't like using 120VAC this way.

I removed the 120VAC wires from the accessory socket and I installed a 120VAC STDT relay on top of the chassis near the power transformer.

I wired the contacts of this relay to a pair of RCA phono jacks on the back of the DX-60 chassis. One RCA jack is the NO contact, the other is the NC contact.

The NO contact provides a ground closure to activate an antenna relay
The NC contact is used for receiver muting.

I also use the 12VDC relay mod to remove the Tx HV from the mode switch.

Heathkits design was for lowest cost. These mods add cost but make a better solution.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

808. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 15:21:27 UTC
From: Carl
Topic: 787 Message: 808

Well, Im still watching but Im not playing Novice with my DX-35 and DX-60B which came along to here years later and are sometimes driving a linear on AM.

I'll sometimes use a modified SX-140 which is sorta like a Heathkit.

Carl
KM1H

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 8:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date: 07/31/13

809. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 15:33:52 UTC
From: K5MYJ
Topic: 787 Message: 809

Yesterday I was looking through some old ARRL handbooks. I saw a SWEEP TUBE linear but it had a warning it was only for CW/SSB because the sweep tubes could not handle the duty cycle of AM or RTTY.

This amp used 4 sweep tubes. Would such an amp using 6146s be able to handle AM if fed from a DX-60 (or other low power controlled carrier) transmitters?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Carl
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, July 31, 2013 8:21 AM
Subject: Re: [heathkitnovicestations] Roll Call!

Well, Im still watching but Im not playing Novice with my DX-35 and DX-60B which came along to here years later and are sometimes driving a linear on AM.

I'll sometimes use a modified SX-140 which is sorta like a Heathkit.

Carl
KM1H

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 8:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date: 07/31/13

810. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 15:39:53 UTC
From: Doug Forbes
Topic: 787 Message: 810

I'm watching.

Doug WA6VYN

On Wed, Jul 31, 2013 at 8:21 AM, Carl <km1h@...> wrote:

> Well, Im still watching but Im not playing Novice with my DX-35 and DX-60B
> which came along to here years later and are sometimes driving a linear on
> AM.
>
> I'll sometimes use a modified SX-140 which is sorta like a Heathkit.
>
> Carl
> KM1H
>
>
> ----- Original Message -----
> From: Bob
> To: heathkitnovicestations@yahoogroups.com
> Sent: Tuesday, July 30, 2013 8:44 PM
> Subject: [heathkitnovicestations] Roll Call!
>
>
>
> How many people are still watching this list.
>
> I have gotten to a point that I am spending much more time on my radios
> than
> any of my other stuff.
>
> I hope to have my DX-60/HG-10/HR-10 station working by this weekend.
>
> Bob Macklin
> K5MYJ
>
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> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date: 07/31/13
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> Yahoo! Groups Links
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811. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 15:47:47 UTC
From: Carl
Topic: 787 Message: 811

You would get more than 20-25W carrier AM out of 6146's Bob.

A SB-200 will do well at 100W carrier especially if you mod for a bit more bias. With a bias change I can run 350+ W for hours with barely any tube color in a Clipperton L.
Change the bias zener in a SB-220 to 7.5 or 8.2V and the carrier efficiency goes way up and the transformer doesnt melt down at a 250W carrier.

SSB IMD barely changes and once you get the AM exciter loaded properly, which is important, then the amplified signal is clean.

Carl
KM1H

----- Original Message -----
From: K5MYJ
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, July 31, 2013 11:33 AM
Subject: Re: [heathkitnovicestations] Roll Call!

Yesterday I was looking through some old ARRL handbooks. I saw a SWEEP TUBE linear but it had a warning it was only for CW/SSB because the sweep tubes could not handle the duty cycle of AM or RTTY.

This amp used 4 sweep tubes. Would such an amp using 6146s be able to handle AM if fed from a DX-60 (or other low power controlled carrier) transmitters?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Carl
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, July 31, 2013 8:21 AM
Subject: Re: [heathkitnovicestations] Roll Call!

Well, Im still watching but Im not playing Novice with my DX-35 and DX-60B which came along to here years later and are sometimes driving a linear on AM.

I'll sometimes use a modified SX-140 which is sorta like a Heathkit.

Carl
KM1H

----- Original Message -----
From: Bob

To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 8:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date: 07/31/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date: 07/31/13

812. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 15:47:50 UTC
From: Carl
Topic: 787 Message: 812

That is a great receiver and arguably the best commercially built regen ever. I use mine at times with a pre WW2 Meissner Signal Shifter chasing QRP DX. Also have a RAK-7.

Used both in the USN in the early 60's where I learned the proper way to use them.

Carl
KM1H

.
----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, July 31, 2013 1:19 AM
Subject: Re: [heathkitnovicestations] Roll Call!

my radio of choice is a RAL-7 receiver, and a 6AG7/807/810 at over 100 watts and a dipole. right next to that rig is my hw16/hg10. been thinking about working the washinton satae salmon run, and the hw16 is my portable rig.....good to turn it on now and then.....

mike w7dra
On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik" <K0IDT@...> writes:

I'm still here but haven't had a radio on since Feb., probably
won't get back on until the snow flies.....way too much to do.
DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
not a basket case like the HR-10 is.....poor shipping/packer :(

Ron
K0IDT

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify.
newsmax.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date: 07/31/13

813. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 15:47:53 UTC
From: Carl
Topic: 787 Message: 813

7280-95 are often active during the day on AM and until the BCSW gets too loud. Sometimes that isnt until after 9PM. Im usually running 100-120W from a Viking I or 32V2 unless checking out a customers amp and then its a bit more with a DX-35 or 60B as a driver and sometimes a TS-950SD.

Carl
KM1H

----- Original Message -----
From: L L bahr
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 10:29 PM
Subject: Re: [heathkitnovicestations] Roll Call!

I've got some simple things to do here too to get on the air, but plan to soon. I'll sure be looking out for you. Yes, it's been my experience operating on 7160 AM the band starts going long and the 4s start rolling in here as we get close to sunset..

Lee, w0vt

□
Lee,

I'm glad you are hearing anything. Not good here.

It's my experience 40M is better mid evening. Between 7PM and 10PM local time. My 7PM is your 10PM.

I just put the SB-301 on 7030 and there is something there.

The DX-60 has 3 FT243 sockets. I have a 7290 AM crystal in one slot. I'm putting a crystal in for the low CW section (~7050) and one in the Novice segment. I should get that done tomorrow.

Then I have to do some testing.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: L L bahr
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:41 PM
Subject: Re: [heathkitnovicestations] Roll Call!

Bob,

I hear a lot of stations on 40 meters both on the lower part of the band 7000-7050. Plus I hear slow speed CW between 7100 -7125. I heard around 4 different QSOs going on between 7100 and 7125 while the Ameco AC-1 guys were on. These QSOs were spaced low middle and high between 7100 and 7125. I had no problem hearing the guys in the Midwest. although it's only 5:30 here in Houston. I think they would come in much better a couple hours later.

Lee

☐
I saw your comments on the AC-1 list.

What kind of CW activity do you see in your area?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: L L bahr
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 6:27 PM
Subject: Re: [heathkitnovicestations] Roll Call!

I'm here.

Lee, w0vt
Houston, TX

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date: 07/31/13

814. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 15:54:06 UTC
From: Paul Beckwith
Topic: 787 Message: 814

My RAL-7 is back on-line. It's teamed with the
ART-13 . I'll be listening for you guys.

73's de Paul K2LMQ Kingman, AZ

At 10:19 PM 7/30/2013, you wrote:
>
>
>
>my radio of choice is a RAL-7 receiver, and a
>6AG7/807/810 at over 100 watts and a dipole.
>right next to that rig is my hw16/hg10. been
>thinking about working the washinton satae
>salmon run, and the hw16 is my portable
>rig.....good to turn it on now and then.....
>
>mike w7dra
>On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik"
><<mailto:K0IDT@...>K0IDT@...> writes:
>
>
>I'm still here but haven't had a radio on since Feb., probably
>won't get back on until the snow flies.....way too much to do.
>DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
>not a basket case like the HR-10 is.....poor shipping/packer :(
>
>Ron
>K0IDT
>
>----- Original Message -----
>From: <mailto:macklinbob@msn.com>Bob
>To:
><mailto:heathkitnovicestations@yahoogroups.com>heathkitnovicestations@yahoogroups.com
>
>Sent: Tuesday, July 30, 2013 7:44 PM
>Subject: [heathkitnovicestations] Roll Call!
>
>
>
>How many people are still watching this list.
>
>I have gotten to a point that I am spending much
>more time on my radios than any of my other stuff.
>

>I hope to have my DX-60/HG-10/HR-10 station working by this weekend.
>
>Bob Macklin
>K5MYJ
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>_____
><http://thirdpartyoffers.juno.com/TGL3142/51f89ea0f16a01ea0578ast02vuc>One
>Weird Trick
><http://thirdpartyoffers.juno.com/TGL3142/51f89ea0f16a01ea0578ast02vuc>Could
>add $1,000s to Your Social Security Checks! See if you Qualify0
><http://thirdpartyoffers.juno.com/TGL3142/51f89ea0f16a01ea0578ast02vuc>newsmax.com
>
>

815. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 16:33:27 UTC
From: <w7dra@...>
Topic: 787 Message: 815
Attachments: 2 described; binary payloads are missing from this source WARC

yes, the RAL is a great radio...mike

On Wed, 31 Jul 2013 11:47:50 -0400 "Carl" <km1h@...> writes:

That is a great receiver and arguably the best commercially built regen
ever. I use mine at times with a pre WW2 Meissner Signal Shifter chasing
QRP
DX. Also have a RAK-7.

Used both in the USN in the early 60's where I learned the proper way to
use
them.

Carl
KM1H

.
----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, July 31, 2013 1:19 AM
Subject: Re: [heathkitnovicestations] Roll Call!

my radio of choice is a RAL-7 receiver, and a 6AG7/807/810 at over 100
watts
and a dipole. right next to that rig is my hw16/hg10. been thinking about

working the washinton satae salmon run, and the hw16 is my portable
rig.....good to turn it on now and then.....

mike w7dra
On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik" <K0IDT@...> writes:

I'm still here but haven't had a radio on since Feb., probably
won't get back on until the snow flies.....way too much to do.
DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
not a basket case like the HR-10 is.....poor shipping/packer :(

Ron
K0IDT

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than
any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

_____
One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify.
newsmax.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date: 07/31/13

_____
One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify…
http://thirdpartyoffers.juno.com/TGL3141/51f93c86ce2b03c8648efst03vuc

816. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-07-31 18:53:05 UTC
From: Bry Carling
Topic: 787 Message: 816

Interesting to see that Carl Is using the same AM Transmitter as me. I just need to buy a suitable linear if anybody knows of one that needs a new home. Otherwise my DX 60 B is ready to go.
I think DSB reduced carrier is likely to be more efficient in AM linear mode.
73 to all,
Bry AF4K

Doug Forbes <dougforbes@...> wrote:
>I'm watching.
>
>Doug WA6VYN
>
>
>On Wed, Jul 31, 2013 at 8:21 AM, Carl <km1h@...> wrote:
>
>> Well, Im still watching but Im not playing Novice with my DX-35 and
>DX-60B
>> which came along to here years later and are sometimes driving a
>linear on
>> AM.
>>
>> I'll sometimes use a modified SX-140 which is sorta like a Heathkit.
>>
>> Carl
>> KM1H
>>
>>
>> ----- Original Message -----
>> From: Bob
>> To: heathkitnovicestations@yahoogroups.com
>> Sent: Tuesday, July 30, 2013 8:44 PM
>> Subject: [heathkitnovicestations] Roll Call!
>>
>>
>>
>> How many people are still watching this list.
>>
>> I have gotten to a point that I am spending much more time on my
>radios
>> than
>> any of my other stuff.
>>
>> I hope to have my DX-60/HG-10/HR-10 station working by this weekend.
>>
>> Bob Macklin

>> K5MYJ
>>
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>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 10.0.1432 / Virus Database: 3209/6038 - Release Date:
>07/31/13
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>> Yahoo! Groups Links
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Sent from my Android phone with K-9 Mail. Please excuse my brevity.

817. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-08-01 05:27:36 UTC
From: <w7dra@...>
Topic: 787 Message: 817
Attachments: 3 described; binary payloads are missing from this source WARC

saints be praised!! the very same HW16 that has followed me to the Cook Islands, Hawaii, Fiji, England, and the Bahamas is now up and running on 40 meters (a HW16/HG10B pair with an SWR meter and a coil tuner to two half waves in phase fed with 300 ohm line)

mike w7dra

On Tue, 30 Jul 2013 22:19:15 -0700 <w7dra@...> writes:

my radio of choice is a RAL-7 receiver, and a 6AG7/807/810 at over 100 watts and a dipole. right next to that rig is my hw16/hg10. been thinking about working the washinton satae salmon run, and the hw16 is my portable rig.....good to turn it on now and then.....

mike w7dra
On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik" <K0IDT@...> writes:

I'm still here but haven't had a radio on since Feb., probably
won't get back on until the snow flies.....way too much to do.
DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
not a basket case like the HR-10 is.....poor shipping/packer :(

Ron
K0IDT

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

_____
One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify?
newsmax.com

818. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-08-01 05:49:47 UTC
From: K5MYJ
Topic: 787 Message: 818

Mike,

Thy the HWS-16 tomorrow evening between 7PM and about 9PM. Look between 7030 and 7050.

Bob K5MYJ

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, July 31, 2013 10:27 PM
Subject: Re: [heathkitnovicestations] Roll Call!

saints be praised!! the very same HW16 that has followed me to the Cook Islands, Hawaii, Fiji, England, and the Bahamas is now up and running on 40 meters (a HW16/HG10B pair with an SWR meter and a coil tuner to two half waves in phase fed with 300 ohm line)

mike w7dra

On Tue, 30 Jul 2013 22:19:15 -0700 <w7dra@...> writes:

my radio of choice is a RAL-7 receiver, and a 6AG7/807/810 at over 100 watts and a dipole. right next to that rig is my hw16/hg10. been thinking about working the washinton satae salmon run, and the hw16 is my portable rig.....good to turn it on now and then.....

mike w7dra
On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik" <K0IDT@...> writes:

I'm still here but haven't had a radio on since Feb., probably
won't get back on until the snow flies.....way too much to do.
DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
not a basket case like the HR-10 is.....poor shipping/packer :(

Ron
K0IDT

----- Original Message -----
From: Bob
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

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Bob Macklin
K5MYJ

One Weird Trick
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newsmax.com

819. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-08-01 06:50:08 UTC
From: Paul Beckwith
Topic: 787 Message: 819

Nice to work you tonight on 40m, Mike! Your HW-16 sounds great!

73's de Paul K2LMQ Kingman, AZ

At 10:27 PM 7/31/2013, w7dra@... wrote:
>saints be praised!! the very same HW16 that has
>followed me to the Cook Islands, Hawaii, Fiji,
>England, and the Bahamas is now up and running
>on 40 meters (a HW16/HG10B pair with an SWR
>meter and a coil tuner to two half waves in phase fed with 300 ohm line)
>
>
>mike w7dra
>
>
>On Tue, 30 Jul 2013 22:19:15 -0700
><<mailto:w7dra@...>w7dra@...> writes:
>
>
>
>my radio of choice is a RAL-7 receiver, and a
>6AG7/807/810 at over 100 watts and a dipole.
>right next to that rig is my hw16/hg10. been
>thinking about working the washinton satae
>salmon run, and the hw16 is my portable
>rig.....good to turn it on now and then.....
>
>mike w7dra
>On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik"
><<mailto:K0IDT@...>K0IDT@...> writes:
>
>
>I'm still here but haven't had a radio on since Feb., probably
>won't get back on until the snow flies.....way too much to do.
>DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
>not a basket case like the HR-10 is.....poor shipping/packer :(
>
>Ron
>K0IDT
>
>----- Original Message -----
>From: <mailto:macklinbob@...>Bob
>To:
><mailto:heathkitnovicestations@yahoogroups.com>heathkitnovicestations@yahoogroups.com

>
>Sent: Tuesday, July 30, 2013 7:44 PM
>Subject: [heathkitnovicestations] Roll Call!
>
>
>
>How many people are still watching this list.
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>I have gotten to a point that I am spending much
>more time on my radios than any of my other stuff.
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>Bob Macklin
>K5MYJ
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>_____
><http://thirdpartyoffers.juno.com/TGL3142/51f89ea0f16a01ea0578ast02vuc>One
>Weird Trick
><http://thirdpartyoffers.juno.com/TGL3142/51f89ea0f16a01ea0578ast02vuc>Could
>add $1,000s to Your Social Security Checks! See if you Qualify
><http://thirdpartyoffers.juno.com/TGL3142/51f89ea0f16a01ea0578ast02vuc>newsmax.com
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820. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-08-01 07:15:27 UTC
From: <w7dra@...>
Topic: 787 Message: 820
Attachments: 1 described; binary payloads are missing from this source WARC

sorry but i work tomorrow night

but i will be on later

mike w7dra

On Wed, 31 Jul 2013 22:49:47 -0700 "K5MYJ" <macklinbob@...> writes:

Mike,

Thy the HWS-16 tomorrow evening between 7PM and about 9PM. Look between
7030 and 7050.

Bob K5MYJ

----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, July 31, 2013 10:27 PM
Subject: Re: [heathkitnovicestations] Roll Call!

saints be praised!! the very same HW16 that has followed me to the Cook
Islands, Hawaii, Fiji, England, and the Bahamas is now up and running on
40 meters (a HW16/HG10B pair with an SWR meter and a coil tuner to two
half waves in phase fed with 300 ohm line)

mike w7dra

On Tue, 30 Jul 2013 22:19:15 -0700 <w7dra@...> writes:

my radio of choice is a RAL-7 receiver, and a 6AG7/807/810 at over 100
watts and a dipole. right next to that rig is my hw16/hg10. been thinking
about working the washinton satae salmon run, and the hw16 is my portable
rig.....good to turn it on now and then.....

mike w7dra
On Tue, 30 Jul 2013 22:20:50 -0500 "Ron Kolarik" <K0IDT@...> writes:

I'm still here but haven't had a radio on since Feb., probably
won't get back on until the snow flies.....way too much to do.
DX-60B/HG-10B/HR-10 and looking for an HR-10B, preferably
not a basket case like the HR-10 is.....poor shipping/packer :(

Ron
K0IDT

----- Original Message -----
From: Bob

To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, July 30, 2013 7:44 PM
Subject: [heathkitnovicestations] Roll Call!

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

_____
One Weird Trick
Could add $1,000s to Your Social Security Checks! See if you Qualify?
newsmax.com

821. Re: Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-08-04 17:54:12 UTC
From: k3gmt
Topic: 787 Message: 821

Here and monitoring, Thanks for all you do for this group. John WW3WWW (former K3GMT)

--- In heathkitnovicestations@yahoogroups.com, "Bob" <macklinbob@...> wrote:
>
> How many people are still watching this list.
>
> I have gotten to a point that I am spending much more time on my radios than any of my other stuff.
>
> I hope to have my DX-60/HG-10/HR-10 station working by this weekend.
>
> Bob Macklin
> K5MYJ
>

822. Re: [heathkitnovicestations] Roll Call!

Yahoo group: heathkitnovicestations
Date: 2013-08-05 02:48:06 UTC
From: N2EY@...
Topic: 787 Message: 822

I am.

Not much to say but enjoy the read.

73 de Jim, N2EY

In a message dated 7/30/2013 8:44:38 P.M. Eastern Daylight Time,
macklinbob@msn.com writes:

How many people are still watching this list.

I have gotten to a point that I am spending much more time on my radios
than any of my other stuff.

I hope to have my DX-60/HG-10/HR-10 station working by this weekend.

Bob Macklin
K5MYJ

823. Re: [heathkitnovicestations] DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-08-07 09:05:46 UTC
From: Bry Carling
Topic: 807 Message: 823

This one is really important Bob. The function switch is hard to replace, and this is an invisible mod to the view of the outside case. I have seen many of these burned up.

Does it require a 2 or 3 pole relay to accomplish this? Or did you use two relays (extra one for
the antenna changeover function) ?

Bry AF4K

On 31 Jul 2013 at 7:50, K5MYJ wrote:

> I also use the 12VDC relay mod to remove the Tx HV from the mode
> switch.

824. Re: [heathkitnovicestations] DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-08-07 12:56:43 UTC
From: K5MYJ
Topic: 807 Message: 824

I used two relays. The first was for the HV switch.

The second was a 120VAC relay to do the antenna/standby switching.

These do not do PTT.

----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, August 07, 2013 2:05 AM
Subject: Re: [heathkitnovicestations] DX-60 Mod

This one is really important Bob. The function switch is hard to replace, and this is an invisible mod to the view of the outside case. I have seen many of these burned up.

Does it require a 2 or 3 pole relay to accomplish this? Or did you use two relays (extra one for the antenna changeover function) ?

Bry AF4K

On 31 Jul 2013 at 7:50, K5MYJ wrote:

> I also use the 12VDC relay mod to remove the Tx HV from the mode
> switch.

825. Re: [heathkitnovicestations] DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-08-07 16:48:19 UTC
From: Bry Carling
Topic: 807 Message: 825
Attachments: 2 described; binary payloads are missing from this source WARC

PTT and rcvr muting would be a very nice addition - oh and a footswitch for that PTT (grin!)

Maybe I can sneak all the wires out without drilling holes. My DX60B is too pretty to drill.

Bry AF4K

On 7 Aug 2013 at 5:56, K5MYJ wrote:

To: <heathkitnovicestations@yahoogroups.com>
From: "K5MYJ" <macklinbob@...>
Date sent: Wed, 7 Aug 2013 05:56:43 -0700
Subject: Re: [heathkitnovicestations] DX-60 Mod
Send reply to: heathkitnovicestations@yahoogroups.com

I used two relays. The first was for the HV switch.

The second was a 120VAC relay to do the antenna/standby switching.

These do not do PTT.

----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, August 07, 2013 2:05 AM
Subject: Re: [heathkitnovicestations] DX-60 Mod

This one is really important Bob. The function switch is hard to replace, and this is an invisible mod to the view of the outside case. I have seen many of these burned up.

Does it require a 2 or 3 pole relay to accomplish this? Or did you use two relays (extra one for
the antenna changeover function) ?

Bry AF4K

On 31 Jul 2013 at 7:50, K5MYJ wrote:

> I also use the 12VDC relay mod to remove the Tx HV from the mode
> switch.

826. Re: [heathkitnovicestations] DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-08-08 13:35:06 UTC
From: K5MYJ
Topic: 807 Message: 826

Bry,

I modified my DX-60 by adding phone jacks for the mike and key on the rear panel. My DX-60 is on the top shelf of my desk and I hated the cables on the front.

My external T/R does the PPT simply by using closing the key when I push the PTT button on the mike. But this is a complete external QSK/PTT T/R switch.

This switch gets its power from my HR-10. I never have liked the QSK operation so I just use the PTT switch on the Turner mike to put the DX-60 in transmit when I operate CW.

I am in the process of building a new keyer with sidetone.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, August 07, 2013 9:48 AM
Subject: Re: [heathkitnovicestations] DX-60 Mod

PTT and rcvr muting would be a very nice addition - oh and a footswitch for that PTT (grin!)

Maybe I can sneak all the wires out without drilling holes. My DX60B is too pretty to drill.

Bry AF4K

On 7 Aug 2013 at 5:56, K5MYJ wrote:

To: <heathkitnovicestations@yahoogroups.com>
From: "K5MYJ" <macklinbob@gmail.com>
Date sent: Wed, 7 Aug 2013 05:56:43 -0700
Subject: Re: [heathkitnovicestations] DX-60 Mod
Send reply to: heathkitnovicestations@yahoogroups.com

I used two relays. The first was for the HV switch.

The second was a 120VAC relay to do the antenna/standby switching.

These do not do PTT.

----- Original Message -----
From: Bry Carling

To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, August 07, 2013 2:05 AM
Subject: Re: [heathkitnovicestations] DX-60 Mod

This one is really important Bob. The function switch is hard to replace, and this is an invisible mod to the view of the outside case. I have seen many of these burned up.

Does it require a 2 or 3 pole relay to accomplish this? Or did you use two relays (extra one for the antenna changeover function) ?

Bry AF4K

On 31 Jul 2013 at 7:50, K5MYJ wrote:

> I also use the 12VDC relay mod to remove the Tx HV from the mode
> switch.

827. Re: [heathkitnovicestations] DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-08-09 12:56:43 UTC
From: Bry Carling
Topic: 807 Message: 827

Great Bob. Thank you for the tips and ideas.

Bry Carling
http://af4k.com

On Aug 8, 2013, at 9:35 AM, "K5MYJ" <macklinbob@...> wrote:

>
>
> Bry,
>
> I modified my DX-60 by adding phone jacks for the mike and key on the rear panel. My DX-60 is on the top shelf of my desk and I hated the cables on the front.
>
> My external T/R does the PPT simply by using closing the key when I push the PTT button on the mike. But this is a complete external QSK/PTT T/R switch.
>
> This switch gets its power from my HR-10. I never have liked the QSK operation so I just use the PTT switch on the Turner mike to put the DX-60 in transmit when I operate CW.
>
> I am in the process of building a new keyer with sidetone.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: Bry Carling
> To: heathkitnovicestations@yahoogroups.com
> Sent: Wednesday, August 07, 2013 9:48 AM
> Subject: Re: [heathkitnovicestations] DX-60 Mod
>
> PTT and rcvr muting would be a very nice addition - oh and a footswitch for that PTT (grin!)
>
> Maybe I can sneak all the wires out without drilling holes. My DX60B is too pretty to drill.
>
> Bry AF4K
>
>
> On 7 Aug 2013 at 5:56, K5MYJ wrote:
>
> To: <heathkitnovicestations@yahoogroups.com>
> From: "K5MYJ" <macklinbob@...>
> Date sent: Wed, 7 Aug 2013 05:56:43 -0700

> Subject: Re: [heathkitnovicestations] DX-60 Mod
> Send reply to: heathkitnovicestations@yahoogroups.com
>
>
>
>
> I used two relays. The first was for the HV switch.
>
> The second was a 120VAC relay to do the antenna/standby switching.
>
> These do not do PTT.
>
>
> ----- Original Message -----
> From: Bry Carling
> To: heathkitnovicestations@yahoogroups.com
> Sent: Wednesday, August 07, 2013 2:05 AM
> Subject: Re: [heathkitnovicestations] DX-60 Mod
>
>
> This one is really important Bob. The function switch is hard to replace, and this is an invisible mod to the view of the outside case. I have seen many of these burned up.
>
> Does it require a 2 or 3 pole relay to accomplish this? Or did you use two relays (extra one for the antenna changeover function) ?
>
> Bry AF4K
>
> On 31 Jul 2013 at 7:50, K5MYJ wrote:
>
> > I also use the 12VDC relay mod to remove the Tx HV from the mode
> > switch.
>
>
>
>
>
>
>
>

828. Re: [heathkitnovicestations] DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-08-09 13:10:52 UTC
From: K5MYJ
Topic: 807 Message: 828

Your welcome! GOOD LUCK!

I got mine working well a couple weeks ago. But because of my age (79) I am not able to use the key anymore.

I am going to try using CW Type. I am building a keyer interface for the computer. It uses two of the RS-232 control lines. Better than not at all.

Bob K5MYJ

----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Cc: <heathkitnovicestations@yahoogroups.com>
Sent: Friday, August 09, 2013 5:56 AM
Subject: Re: [heathkitnovicestations] DX-60 Mod

Great Bob. Thank you for the tips and ideas.

Bry Carling
http://af4k.com

On Aug 8, 2013, at 9:35 AM, "K5MYJ" <macklinbob@gmail.com> wrote:

Bry,

I modified my DX-60 by adding phone jacks for the mike and key on the rear panel. My DX-60 is on the top shelf of my desk and I hated the cables on the front.

My external T/R does the PPT simply by using closing the key when I push the PTT button on the mike. But this is a complete external QSK/PTT T/R switch.

This switch gets its power from my HR-10. I never have liked the QSK operation so I just use the PTT switch on the Turner mike to put the DX-60 in transmit when I operate CW.

I am in the process of building a new keyer with sidetone.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, August 07, 2013 9:48 AM
Subject: Re: [heathkitnovicestations] DX-60 Mod

PTT and rcvr muting would be a very nice addition - oh and a footswitch for that PTT (grin!)

Maybe I can sneak all the wires out without drilling holes. My DX60B is too pretty to drill.

Bry AF4K

On 7 Aug 2013 at 5:56, K5MYJ wrote:

To: <heathkitnovicestations@yahoogroups.com>
From: "K5MYJ" <macklinbob@...>
Date sent: Wed, 7 Aug 2013 05:56:43 -0700
Subject: Re: [heathkitnovicestations] DX-60 Mod
Send reply to: heathkitnovicestations@yahoogroups.com

I used two relays. The first was for the HV switch.

The second was a 120VAC relay to do the antenna/standby switching.

These do not do PTT.

----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@...m
Sent: Wednesday, August 07, 2013 2:05 AM
Subject: Re: [heathkitnovicestations] DX-60 Mod

This one is really important Bob. The function switch is hard to replace, and this is an invisible mod to the view of the outside case. I have seen many of these burned up.

Does it require a 2 or 3 pole relay to accomplish this? Or did you use two relays (extra one for the antenna changeover function) ?

Bry AF4K

On 31 Jul 2013 at 7:50, K5MYJ wrote:

> I also use the 12VDC relay mod to remove the Tx HV from the mode
> switch.

829. Re: [heathkitnovicestations] DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-08-09 16:13:29 UTC
From: Don Sanders
Topic: 807 Message: 829

Bry, if youy ncheck the AM web page there is a mod foir the3 DX60 adding
PTT and maybe others.
It is the circuit I added to my DX60B for AM PTT.
I have a circuit for makingt the HV mod I can send if you need it.

Don HC4/W4BWS

On Wed, Aug 7, 2013 at 4:05 AM, Bry Carling <bcarling@...> wrote:

> **
>
>
> **
> This one is really important Bob. The function switch is hard to replace,
> and this is an invisible mod to the view of the outside case. I have seen
> many of these burned up.
>
> Does it require a 2 or 3 pole relay to accomplish this? Or did you use
> two relays (extra one for the antenna changeover function) ?
>
> Bry AF4K
>
> On 31 Jul 2013 at 7:50, K5MYJ wrote:
>
> *> I also use the 12VDC relay mod to remove the Tx HV from the mode*
> *> switch.*
>
>
>
>
>

830. FS: 75m crystals $2.00

Yahoo group: heathkitnovicestations
Date: 2013-08-10 17:45:51 UTC
From: Bry Carling
Topic: 830 Message: 830

FOR SALE:

New old stock hc6u crystals (metal can) - with pins spaced 1/2 inch apart.

3742 kHz only at this price: FIVE (5) for $10.00 plus shipping.

I have a number of these avaiulable at present and they are offered at a very easy-going price. Get yours now. Start a net, gather some friends, have some fun, or just explore 75m with these original, full-sized crystals.

Contact me to arrange purchase or check for availability.

73 - Bry AF4K CRYSTALS

http:://www.af4k.com

831. Re: [heathkitnovicestations] DX-60 Mod

Yahoo group: heathkitnovicestations
Date: 2013-08-12 02:05:38 UTC
From: Bry Carling
Topic: 807 Message: 831
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you Don - yes please; I would like to see those. Not sure what the AM web page is though...

Bry AF4K

On 9 Aug 2013 at 11:13, Don Sanders wrote:

Bry, if youy ncheck the AM web page there is a mod foir the3 DX60 adding PTT and maybe others.
It is the circuit I added to my DX60B for AM PTT.
I have a circuit for makingt the HV mod I can send if you need it.

Don HC4/W4BWS

On Wed, Aug 7, 2013 at 4:05 AM, Bry Carling <bcarling@...> wrote:

This one is really important Bob. The function switch is hard to replace, and this is an invisible mod to the view of the outside case. I have seen many of these burned up.

Does it require a 2 or 3 pole relay to accomplish this? Or did you use two relays (extra one for
the antenna changeover function) ?

Bry AF4K

On 31 Jul 2013 at 7:50, K5MYJ wrote:

> I also use the 12VDC relay mod to remove the Tx HV from the mode
> switch.

832. FS: Quality HV Caps

Yahoo group: heathkitnovicestations
Date: 2013-08-16 10:53:35 UTC
From: Bry Carling
Topic: 832 Message: 832

For sale: New Plastic film capacitors of highest quality - made in Japan.

These are 0.056 uF at 630V DC WV

About 1/2" X 1/2" X 0.2" thick.

Available at 10 for $1.00 plus shipping

Contact me off list with questions or to arrange purchase please.

73 de AF4K - Bry

833. FS: $2.00 crystals!!

Yahoo group: heathkitnovicestations
Date: 2013-08-16 11:04:07 UTC
From: Bry Carling
Topic: 833 Message: 833

FOR SALE:

There is going to be some new activity on 75 meters! Join the fun - FIFTEEN SOLD and ABOUT 20 left!!

New old stock hc6u crystals (metal can) - with pins spaced 1/2 inch apart.

3742 kHz only at this price: FIVE (5) for $10.00 plus shipping.

I have a number of these avaiulable at present and they are offered at a very easy-going price. Get yours now. Start a net, gather some friends, have some fun, or just explore 75m with these original, full-sized crystals.

Contact me to arrange purchase or check for availability.

73 - Bry AF4K CRYSTALS

http:://www.af4k.com

834. FS: Heathkit DX100 Parts

Yahoo group: heathkitnovicestations
Date: 2013-08-20 01:59:43 UTC
From: Bry Carling
Topic: 834 Message: 834

FOR SALE:

Heathkit DX100 Modulation Transformer - in good working condition with long leads - $75.00 plus shipping

DX100 AF Driver transformer, in good working condition with long leads - $25.00 plus shipping

Many other Heathkit items available at:

http://af4k.com/DX100_parts.htm

73 de AF4K, Bry

835. 29 MHz AM

Yahoo group: heathkitnovicestations
Date: 2013-09-03 10:35:41 UTC
From: Bry Carling
Topic: 835 Message: 835

10m sporadic E, trans-equatorial and other exotic modes can often be pretty hot during this time of year. Even with a few watts, contacts can often be made. Suitable crystals are available as follows:

I have a few each of these FT243s left (and numerous other 10m crystals that will work with almost any ham rig from the golden era of tube radio!)

29.000 MHz
29.010 MHz
29.020 MHz
29.040 MHz
29.100 MHz
29.120 MHz
29.160 MHz
29.172 MHz
29.180 MHz

Limited stock available - most of these are $14.00 each.

Some folks say not to expect much from 3 or 4 watts of AM on ten meters, but under the right
circumstances I have made QRP contacts into central Asia and other spots on the opposite side of the globe with decent R5 signal reports each way. Those were with a converted CB rig, so would be similar power levels...

YMMV

10m Crystals

http://www.af4k.com/FT243crystals28000-39999khz.htm

73 de AF4K

Bry Carling

836. Re: [heathkitnovicestations] 29 MHz AM

Yahoo group: heathkitnovicestations
Date: 2013-09-03 14:25:14 UTC
From: Carl
Topic: 835 Message: 836

The problem there is that being rockbound when the band is open just jams up those frequencies. With all/most of the 100W+ vintage AM rigs including a VFO attracting answers to CQ's the rock bound is at a serious disadvantage. It is more manageable but often a problem on 6M but with the wide tolerance of the 8400kc and other surplus rocks a bit of tuning is often needed as few transmitters came with a VFO and most of those were big drifters.

Im on 10M AM often and have never tuned for a reply and it seems that more and more respondents are using riceboxes and SDR rigs.

For the cost of a few crystals there are plenty of VFO's available; I havent paid over $25 for the Johnson, Heath, WRL, Meissner, and Hallicrafters I have here.

And then there is always the BC-459 (-: Or synthesized CB rigs that can be modified.

Carl
KM1H

----- Original Message -----
From: Bry Carling
To: heathkitnovicestations@yahoogroups.com ; Heathkit-Radios@yahoogroups.com ; johnson@... ; allied@... ; Knightkit-Allied-Lafayette-EICO@yahoogroups.com
Sent: Tuesday, September 03, 2013 6:35 AM
Subject: [heathkitnovicestations] 29 MHz AM

10m sporadic E, trans-equatorial and other exotic modes can often be pretty hot during this time of year. Even with a few watts, contacts can often be made. Suitable crystals are available as follows:

I have a few each of these FT243s left (and numerous other 10m crystals that will work with almost any ham rig from the golden era of tube radio!)

29.000 MHz
29.010 MHz
29.020 MHz
29.040 MHz
29.100 MHz
29.120 MHz
29.160 MHz
29.172 MHz
29.180 MHz

Limited stock available - most of these are $14.00 each.

Some folks say not to expect much from 3 or 4 watts of AM on ten meters, but under the right circumstances I have made QRP contacts into central Asia and other spots on the opposite side of the globe with decent R5 signal reports each way. Those were with a converted CB rig, so would be similar power levels...

YMMV

10m Crystals

http://www.af4k.com/FT243crystals28000-39999khz.htm

73 de AF4K

Bry Carling

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3222/6133 - Release Date: 09/03/13

837. FS: More $2.00 amateur band crystals

Yahoo group: heathkitnovicestations
Date: 2013-09-08 19:20:35 UTC
From: Bry Carling
Topic: 837 Message: 837

FOR SALE: More $2.00 amateur band crystals 160m, 80m, 20m, BC

New old stock hc33u (like hc6u)crystals (metal can) - with wires spaced 1/2 inch apart.
1843 kHz: available for FIVE (5) for $10.00 plus shipping.

New old stock hc6u crystals
3742 kHz: available for FIVE (5) for $10.00 plus shipping.

14.318 MHz hc49u crystals: available for FIVE (5) for $10.00 plus shipping.

New old stock hc6u crystals
Broadcast band 970 kHz hc6u crystals - FOUR (4) for $8.00 plus shipping.

I have a number of these available at present and they are offered at a very easy-going price. Get yours now. Start a net, gather some friends, have some fun, or just explore the bands with these original, full-sized crystals.

Contact me to arrange purchase or check for availability.

73 - Bry AF4K CRYSTALS

Buy here:
http://www.af4k.com/basementcrystals.htm
http://www.af4k.com/crystals.htm

838. All Reduced XFMRS, XTALS etc. $2 and up

Yahoo group: heathkitnovicestations
Date: 2013-09-20 11:44:59 UTC
From: Bry Carling
Topic: 838 Message: 838

Reduced:

Power Transformer - 50V AC at 18 amps with 120V AC primary - heavy - CLEAN, like new, $15.00 plus shipping.

P-3064 USA-made, new Filament transformer 6.3V CT at 6 Amps - $6.00 plus shipping.

12 HENRY Choke at 140 mA NEW TF3SX0422 UTRA 5135 - $4.00

UTC HA-134 transformer - new - $45.00

UTC model S70 transformer, used clean - $45.00

TRIAD HSM-84 Output transformer 5K ohms to 4/8/16 ohms 20 watts, clean - $35.00

Power Supply 65V DC at 12 Amps with additional +/-15V DC at 1 amps and 5V DC at 3 Amps. Very clean. Like new. Has dual primary set for 120V AC. $20.00 plus shipping.

Isolation transformer, extra nice - 4 outlets, 120:120V AC at 12 Amps - $35.00 plus shipping
(two available)

Terminal boards, all new phenolic and fiberglass, for point-to-point wiring. Group includes
three pieces approx. 10" X 1.5" with two rows of 20 turrets. Easily split into smaller pieces,.
Also one 9" X 2" piece with 38 turrets, and four more pieces that are 2.5" X 0.5" with 6 turrets. These turret boards are difficult to find and excellent for tube audio and RF projects.
Sill sell the whole batch for $12.00 plus shipping.

Project cabinet for homebrew radio or electronic construction. Aluminum case with woodgrain
finish looks totally excellent. Rubber feet, sloping cowl on front of the top cover for a rofessional finish. Has rubber feet and measures 9" X 6" X 3" - it looks like something TenTec might have made. QTY 1 available for $5.00

FT243 ORIGINAL CRYSTALS: (while they last)

1816 kHz - $16.00
3732 kHz - $10.00

7025 kHz - $16.00
7050 kHz - $16.00
7075 kHz - $16.00
7100 kHz - $10.00
7125 kHz - $10.00
7150 kHz - $10.00

7163 kHz - $10.00
7164 kHz - $10.00
7172 kHz - $10.00
7175 kHz - $10.00
7194 kHz - $10.00
7200 kHz - $10.00
7225 kHz - $10.00
7245 kHz - $10.00
7250 kHz - $10.00
7275 kHz - $10.00

8025 kHz - $10.00 (2m)
8350 kHz - $10.00 (6m)
8375 kHz - $10.00
8400 kHz - $16.00
8425 kHz - $10.00
8450 kHz - $10.00

Sockets for FT243 crystals:
Ceramic - $8.00
Plastic $6.00

Sockets for hc6u crystals - $3.00

LARGER CR1A Crystals: (thicker pins)

7039 kHz - $14.00
7290 kHz - $14.00 (new)

Socket for CR1A crystals - $6.00

3742 kHz crystals, hc6u new old stock, checked - pack of FOUR (4) for $8.00 plus shipping.

20m FT243 crystals - $5.00 each plus shipping:
14165, 14210, 14213, 14215, 14235, 14247, 14270, 14301, 14312 kHz
Each available for $5.00

Also available: 14286 kHz for $16.00 each.

Shipping additional on everything - combine and dssaave on shipping costs.

E-mail me to arrange purchase or with any questions - or if you need pictures.

73 and thanks for looking - Bry Carling AF4K

http://www.af4k.com/radios.htm

839. FS: TungSol EL34 / 6CA7 Tubes $8.00 each

Yahoo group: heathkitnovicestations
Date: 2013-10-02 16:37:24 UTC
From: Bry Carling
Topic: 839 Message: 839

FOR SALE:

EL34B / 6CA7 Tubes $8.00 each (qty 4 available)

These rugged TUNGSOL tubes cost $45.00 per pair.

These are top quality TungSol tubes that are supplied in the boxes. They are used, tested tubes with only a few hours on them, that are working perfectly and have low hours. Were purchased recently from Tube Depot. These are brown-base tubes and can barely be distinguished from new ones.

Available for $8.00 each or take all four for $30.00 plus shipping.

Regards - Bry AF4K

840. RE: TungSol EL34 / 6CA7 Tubes $8.00 each

Yahoo group: heathkitnovicestations
Date: 2013-10-02 17:26:09 UTC
From: Bry Carling
Topic: 839 Message: 840

Thank you - the EL34B tubes have been sold.

Bry AF4K

On 2 Oct 2013 at 12:37, Bry Carling wrote:

> FOR SALE:
>
> EL34B / 6CA7 Tubes $8.00 each (qty 4 available)
>
> These rugged TUNGSOL tubes cost $45.00 per pair.
>
> These are top quality TungSol tubes that are supplied in the boxes.
> They are used,
> tested tubes with only a few hours on them, that are working
> perfectly and have low hours.
> Were purchased recently from Tube Depot. These are brown-base tubes
> and can barely be
> distinguished from new ones.
>
> Available for $8.00 each or take all four for $30.00 plus
> shipping.
>
> Regards - Bry AF4K
> _____

841. Re: [Johnson] FS: TungSol EL34 / 6CA7 Tubes $8.00 each

Yahoo group: heathkitnovicestations
Date: 2013-10-02 23:54:24 UTC
From: Carl
Topic: 841 Message: 841

Chinese, Russian or USA?

----- Original Message -----
From: "Bry Carling" <bcarling@...>
To: <heathkitnovicestations@yahoogroups.com>;
<Heathkit-Radios@yahoogroups.com>;
<Heathkit-Radios-Moderated@yahoogroups.com>; <johnson@...>;
<allied@...>
Sent: Wednesday, October 02, 2013 12:37 PM
Subject: [Johnson] FS: TungSol EL34 / 6CA7 Tubes $8.00 each

> FOR SALE:
>
> EL34B / 6CA7 Tubes $8.00 each (qty 4 available)
>
> These rugged TUNGSOL tubes cost $45.00 per pair.
>
> These are top quality TungSol tubes that are supplied in the boxes. They
> are used,
> tested tubes with only a few hours on them, that are working perfectly and
> have low hours.
> Were purchased recently from Tube Depot. These are brown-base tubes and
> can barely be
> distinguished from new ones.
>
> Available for $8.00 each or take all four for $30.00 plus shipping.
>
> Regards - Bry AF4K
> _____
> Johnson mailing list
> Home: http://mailman.qth.net/mailman/listinfo/johnson
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Johnson@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1432 / Virus Database: 3222/6215 - Release Date: 10/01/13
>

842. FS: B & W Antenna Switches, crystals etc.

Yahoo group: heathkitnovicestations
Date: 2013-10-03 22:04:15 UTC
From: Bry Carling
Topic: 842 Message: 842

FOR SALE:

B & W Antenna Switches by Barker and Williamson and some other goodies...

1 - B & W Protax Model 376 - this is a 5 position rotary switch and it allows you to also switch
to Ground when desired. Connect your radio equipment and select up to 5 different antennas with this 6 position rotary switch. Includes knob and mounting hardware.

QTY 1 available for $35.00 plus shipping

2 - B & W Coaxial Switch model 591 - this s a two position rotary switch.
Includes knob and mounting hardware.

QTY 1 available for $25.00 plus shipping

3 - Heathkit DX100 VFO with dial. Includes tube etc. and mounting hardware.
Complete and in very good condition. Available for $45.00 plus shipping.

4 - Larger Navy issue CR1A crystal on 7290 kHz with socket. Crystal looks new. Socket is clean, used - $15.00 plus shipping.

5 - Bliley ROUND crystal type BC3 on 1813 KC. Like new, in original box with documentation. Will fit into a 5 pin socklet like 807 or other sockets with 3/4" spacing - $25.00 plus shipping.

6 - Original full sized FT243 crystals - 3712, 3732, 3734, 3742, 7040, 7050, 7070, 7075, 7133, 7150, 7158, 7164, 7165, 7170, 7172, 7175, 7190, 7192, 7194, 7200, 7208, 7225, 7245, 7250, 7275, 8025, 8350, 8375, 8400, 8425, 8450, 14165, 14235, 14210, 14213, 14215, 14270, 14301,
Great for 80m through 10m plus 6m and 2m. This group of crytals only, priced as follows:
Available for $16.00 each plus shipping
Also available, 4 or more for $15.00 each
Also available, 8 or more for $12.00 each

Many other parts available at:
http://www.af4k.com/radios.htm

73 de AF4K, Bry Carling

843. RE: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

Yahoo group: heathkitnovicestations
Date: 2013-10-04 16:38:06 UTC
From: JAMES HANLON
Topic: 842 Message: 843

Bry,

I am in need of the shaft that drives the vfo in the DX-100. It's a short shaft with a bushing on the rear that engages the vfo dial. The Frequency knob mounts on the front of it. Can you give me any help?

Jim Hanlon, W8KGI

To: HAMtrade@yahoogroups.com; heathkit@yahoogroups.com; heath@puck.nether.net; heathkit@...; heathkitnovicestations@yahoogroups.com; Heathkit-Radios@yahoogroups.com
From: bcarling@...
Date: Thu, 3 Oct 2013 18:04:15 -0400
Subject: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

FOR SALE:

B & W Antenna Switches by Barker and Williamson and some other goodies...

1 - B & W Protax Model 376 - this is a 5 position rotary switch and it allows you to also switch
to Ground when desired. Connect your radio equipment and select up to 5 different antennas with this 6 position rotary switch. Includes knob and mounting hardware.

QTY 1 available for $35.00 plus shipping

2 - B & W Coaxial Switch model 591 - this s a two position rotary switch.
Includes knob and mounting hardware.

QTY 1 available for $25.00 plus shipping

3 - Heathkit DX100 VFO with dial. Includes tube etc. and mounting hardware.
Complete and in very good condition. Available for $45.00 plus shipping.

4 - Larger Navy issue CR1A crystal on 7290 kHz with socket. Crystal looks new. Socket is clean, used - $15.00 plus shipping.

5 - Bliley ROUND crystal type BC3 on 1813 KC. Like new, in original box with documentation. Will fit into a 5 pin socklet like 807 or other sockets with 3/4" spacing - $25.00 plus shipping.

6 - Original full sized FT243 crystals - 3712, 3732, 3734, 3742, 7040, 7050, 7070, 7075, 7133, 7150, 7158, 7164, 7165, 7170, 7172, 7175, 7190, 7192, 7194, 7200, 7208, 7225, 7245, 7250, 7275, 8025, 8350, 8375, 8400, 8425, 8450, 14165, 14235, 14210, 14213, 14215, 14270, 14301,
Great for 80m through 10m plus 6m and 2m. This group of crytals only, priced as follows:
Available for $16.00 each plus shipping
Also available, 4 or more for $15.00 each
Also available, 8 or more for $12.00 each

Many other parts available at:
http://www.af4k.com/radios.htm

73 de AF4K, Bry Carling

844. Re: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

Yahoo group: heathkitnovicestations
Date: 2013-10-04 16:46:07 UTC
From: Bry Carling
Topic: 842 Message: 844

I do have that. Details tomorrow.

Bry Carling
http://af4k.com

> On Oct 4, 2013, at 12:38 PM, JAMES HANLON <knjhanlon@...> wrote:
>
>
>
> Bry,
>
> I am in need of the shaft that drives the vfo in the DX-100. It's a short shaft with a bushing on the rear that engages the vfo dial. The Frequency knob mounts on the front of it. Can you give me any help?
>
> Jim Hanlon, W8KGI
>
> To: HAMtrade@yahoogroups.com; heathkit@yahoogroups.com; heath@...; heathkit@...; heathkitnovicestations@yahoogroups.com; Heathkit-Radios@yahoogroups.com
> From: bcarling@...
> Date: Thu, 3 Oct 2013 18:04:15 -0400
> Subject: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.
>
> FOR SALE:
>
> B & W Antenna Switches by Barker and Williamson and some other goodies...
>
> 1 - B & W Protax Model 376 - this is a 5 position rotary switch and it allows you to also switch to Ground when desired. Connect your radio equipment and select up to 5 different antennas with this 6 position rotary switch. Includes knob and mounting hardware.
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> QTY 1 available for $35.00 plus shipping
>
> 2 - B & W Coaxial Switch model 591 - this s a two position rotary switch.
> Includes knob and mounting hardware.
>
> QTY 1 available for $25.00 plus shipping
>
> 3 - Heathkit DX100 VFO with dial. Includes tube etc. and mounting hardware.
> Complete and in very good condition. Available for $45.00 plus shipping.
>
> 4 - Larger Navy issue CR1A crystal on 7290 kHz with socket. Crystal looks new. Socket is clean, used - $15.00 plus shipping.
>
> 5 - Bliley ROUND crystal type BC3 on 1813 KC. Like new, in original box with

documentation. Will fit into a 5 pin socklet like 807 or other sockets with 3/4" spacing - $25.00 plus shipping.
>
> 6 - Original full sized FT243 crystals - 3712, 3732, 3734, 3742, 7040, 7050, 7070, 7075, 7133, 7150, 7158, 7164, 7165, 7170, 7172, 7175, 7190, 7192, 7194, 7200, 7208, 7225, 7245, 7250, 7275, 8025, 8350, 8375, 8400, 8425, 8450, 14165, 14235, 14210, 14213, 14215, 14270, 14301,
> Great for 80m through 10m plus 6m and 2m. This group of crytals only, priced as follows:
> Available for $16.00 each plus shipping
> Also available, 4 or more for $15.00 each
> Also available, 8 or more for $12.00 each
>
> Many other parts available at:
> http://www.af4k.com/radios.htm
>
> 73 de AF4K, Bry Carling
>
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>

845. Re: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

Yahoo group: heathkitnovicestations
Date: 2013-10-04 16:45:42 UTC
From: Glen Zook
Topic: 842 Message: 845

The same system is used for the Heath SB-Line LMO.

There are several Internet sources for SB-Line parts.

Glen, K9STH

Website: http://k9sth.com

From: JAMES HANLON <knjhanlon@...>
To: heathkitnovicestations <heathkitnovicestations@yahoogroups.com>
Sent: Friday, October 4, 2013 11:38 AM
Subject: RE: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

Bry,

I am in need of the shaft that drives the vfo in the DX-100. It's a short shaft with a bushing on the rear that engages the vfo dial. The Frequency knob mounts on the front of it. Can you give me any help?

846. Re: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

Yahoo group: heathkitnovicestations
Date: 2013-10-04 17:13:56 UTC
From: K5MYJ
Topic: 842 Message: 846

These do show up on eBay. After one of mine broke I got a replacement and TWO spares on eBay.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Glen Zook
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, October 04, 2013 9:45 AM
Subject: Re: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

The same system is used for the Heath SB-Line LMO.

There are several Internet sources for SB-Line parts.

Glen, K9STH

Website: http://k9sth.com

From: JAMES HANLON <knjhanlon@...>
To: heathkitnovicestations <heathkitnovicestations@yahoogroups.com>
Sent: Friday, October 4, 2013 11:38 AM
Subject: RE: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

Bry,

I am in need of the shaft that drives the vfo in the DX-100. It's a short shaft with a bushing on the rear that engages the vfo dial. The Frequency knob mounts on the front of it. Can you give me any help?

847. Re: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.

Yahoo group: heathkitnovicestations
Date: 2013-10-04 17:26:58 UTC
From: Bry Carling
Topic: 842 Message: 847

Thank you Glenn. So helpful.

Bry Carling
http://af4k.com

> On Oct 4, 2013, at 12:45 PM, Glen Zook <gzook@...> wrote:
>
>
>
> The same system is used for the Heath SB-Line LMO.
>
> There are several Internet sources for SB-Line parts.
>
> Glen, K9STH
>
>
> Website: http://k9sth.com
>
> From: JAMES HANLON <knjhanlon@...>
> To: heathkitnovicestations <heathkitnovicestations@yahoogroups.com>
> Sent: Friday, October 4, 2013 11:38 AM
> Subject: RE: [heathkitnovicestations] FS: B & W Antenna Switches, crystals etc.
>
> Bry,
>
> I am in need of the shaft that drives the vfo in the DX-100. It's a short shaft with a bushing on the rear that engages the vfo dial. The Frequency knob mounts on the front of it. Can you give me any help?
>
>
>

848. REDUCED: 160m and 80m $2 crystals, hc6u

Yahoo group: heathkitnovicestations
Date: 2013-10-08 09:28:55 UTC
From: Bry Carling
Topic: 848 Message: 848

Reduced price: 160m experimenter crystal packs

1) 160m - Pack #1 of 5 crystals:
1800, 1801, 1838, 1928, 1930 kHz

2) 160m - Pack #2 of 5 crystals:
1932, 1934, 1935, 1937, 1941 kHz

3) 80m pack - Pack #3 of 5 crystals:
All 5 are on 3742 kHz.

These are all original full size crystals and I have ceramic and plastic sockets available too if
you need them.

The above are available for $10.00 per pack which is $2.00 per crystal.
Shipping additional.

73 de AF4K - Bry Carling

http://af4k.com/crystals.htm

849. FS: CABINET FOR Heathkit DX100

Yahoo group: heathkitnovicestations
Date: 2013-10-14 02:03:06 UTC
From: Bry Carling
Topic: 849 Message: 849

For Sale: CABINET for Heathkit DX100 Transmitter

Very good condition.

Available for $50.00 plus shipping.

Pictures available.

73 - Bry Carling, AF4K

850. HW16 repairs

Yahoo group: heathkitnovicestations
Date: 2013-10-14 04:14:57 UTC
From: <w7dra@...>
Topic: 850 Message: 850

the gain on my HW16 has been getting less and less, which means the screen resisters are opening up. also the HFO started to drift a lot, and i found a 1 meg resister had opened up in a hetrodyne stage

nice to have the HW16 working again
mike w7dra

_____
BlackBerry® Q10
Designed for ultimate performance. Purchase your BlackBerry® Q10 now.
http://thirdpartyoffers.juno.com/TGL3141/525b6fec2b5056feb6b9fst03vuc

851. FS: Meissner Signal Shifter Transmitter

Yahoo group: heathkitnovicestations
Date: 2013-11-16 20:41:44 UTC
From: Bry Carling
Topic: 851 Message: 851

FOR SALE
MEISSNER Signal Shifter VFO model EX. This cool bandswitching VFO that actually can be used as a vintage, tube-era QRP transmitter. It produces around 5 - 6 watts from an 807 RF final tube. This is the bandswitching version and it has all of the coil sets for full HF coverage, Unmodified.

This is a great example of one of the coolest little transmitter / VFOs from the golden era of
radio. Truly a fun boatanchor / QRP combo!

Has the normal, built-in power supply for 120V AC use. This is one of the nicest ones I have
seen. Pictures and details on request...

Available for only $95.00 plus shipping

Will post pictures and details soon on:
http://af4k.com/radios.htm

73 - Bry Carling, AF4K

852. Re: [Johnson] FS: Meissner Signal Shifter Transmitter

Yahoo group: heathkitnovicestations
Date: 2013-11-16 21:48:02 UTC
From: Carl
Topic: 852 Message: 852

Is that 5 or 6 sets of coils?

Carl
KM1H

----- Original Message -----
From: "Bry Carling" <bcarling@...>
To: <HAMtrade@yahoogroups.com>; <heathkitnovicestations@yahoogroups.com>;
<johnson@...>; <allied@...>;
<Knightkit-Allied-Lafayette-EICO@yahoogroups.com>;
<LafayetteRadio@yahoogroups.com>
Sent: Saturday, November 16, 2013 3:41 PM
Subject: [Johnson] FS: Meissner Signal Shifter Transmitter

FOR SALE
MEISSNER Signal Shifter VFO model EX. This cool bandswitching VFO that
actually can be
used as a vintage, tube-era QRP transmitter. It produces around 5 - 6 watts
from an 807 RF
final tube. This is the bandswitching version and it has all of the coil
sets for full HF
coverage, Unmodified.

This is a great example of one of the coolest little transmitter / VFOs from
the golden era of
radio. Truly a fun boatanchor / QRP combo!

Has the normal, built-in power supply for 120V AC use. This is one of the
nicest ones I have
seen. Pictures and details on request...

Available for only $95.00 plus shipping

Will post pictures and details soon on:
http://af4k.com/radios.htm

73 - Bry Carling, AF4K

Johnson mailing list
Home: http://mailman.qth.net/mailman/listinfo/johnson
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:Johnson@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

-----
No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1432 / Virus Database: 3222/6339 - Release Date: 11/15/13

853. Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 20:48:09 UTC
From: <macklinbob@...>
Topic: 853 Message: 853

Anyone still trying to play with NOVICE operation.

Bob Macklin
K5myj
Seattle, Wa

854. RE: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 21:07:17 UTC
From: JAMES HANLON
Topic: 853 Message: 854

I've got my novice receiver, and HRO-50, and a replica of my novice transmitter, a 6AG7/6146 rig, on 80 and 40.

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: macklinbob@...
Date: Mon, 17 Feb 2014 12:48:09 -0800
Subject: [heathkitnovicestations] Just Checking!

Anyone still trying to play with NOVICE operation.

Bob Macklin
K5myj
Seattle, Wa

855. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 21:20:42 UTC
From: w7dra@juno.com
Topic: 853 Message: 855
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

856. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 21:26:59 UTC
From: K5MYJ
Topic: 853 Message: 856

Are you getting any use out of it.

I have accumulated most of the parts to make a copy on the Millen 6L6/807 CW exciter (but using a 6AG7 in place of the 6L6). I may get to it this summer if I am still living.

I'm working on a new keyer for my DX-60. One with sidetone.

About ten years ago I built a QSK T/R switch for my DX-60/HR-10 but I was never happy with it. The new one will replace it.

Also about a year ago I smoked the power transformer in the HR-10. I had a replacement and it is fixed. The cause was a short on the external 6V filament lead. I want to fuse that before using it anymore.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: JAMES HANLON
To: heathkitnovicestations
Sent: Monday, February 17, 2014 1:07 PM
Subject: RE: [heathkitnovicestations] Just Checking!

I've got my novice receiver, and HRO-50, and a replica of my novice transmitter, a 6AG7/6146 rig, on 80 and 40.

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: macklinbob@...
Date: Mon, 17 Feb 2014 12:48:09 -0800
Subject: [heathkitnovicestations] Just Checking!

Anyone still trying to play with NOVICE operation.

Bob Macklin
K5myj
Seattle, Wa

857. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 21:33:27 UTC
From: K5MYJ
Topic: 853 Message: 857

Hi Mike,

Why do you want to replace the HW-16?

I used my SB-301 to try receiving during the CW contest this past weekend. All using my limited 40M/15M dipole.

On Saturday morning on 40M I copied a Russian station and a Japanese station between 6AM and 7AM our time. On Sunday morning at the same time I copied another Japanese station.

Later in the day I copied several California stations and one Alaskan station on 20M.

I also copied a couple of Scandinavian stations on 20M.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@...
To: heathkitnovicestations@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com
Sent: Monday, February 17, 2014 1:20 PM
Subject: Re: [heathkitnovicestations] Just Checking!

well. i am at my daughters house in gig harbor wa house sitting for a week.....i have my HW16 with the HG10 vfo and a 150 foot piece of wire up in a tree ready for both 40 and 80, could do 20 if i fuscle with the antenna tuner---------this is a super novice station compared to what i started with in 1955
mike w7dra
Original Message ----------
From: <macklinbob@...>
To: <heathkitnovicestations@yahoogroups.com>
Subject: [heathkitnovicestations] Just Checking!
Date: 17 Feb 2014 12:48:09 -0800

Anyone still trying to play with NOVICE operation.

Bob Macklin
K5myj
Seattle, Wa

Best Dividend Stocks 2014
Six solid dividend stocks to give your portfolio an income boost.
WealthyRetirement.com

858. RE: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 21:39:03 UTC
From: W8KZW
Topic: 853 Message: 858

Bob -

Which circuit did you use that displeased you, and how was it deficient?
I'm thinking about building the TR switch in the 1976 handbook for my homebrew 6DQ6 / Hallicrafters S-107 novice rig. It's a cathode follower for switching (12AU7 I think) preceeded by a tuned LC circuit preamp using the other half of the tube.

73,
Jeff
W8KZW
ex: WN2SCH

About ten years ago I built a QSK T/R switch for my DX-60/HR-10 but I was never happy with it. The new one will replace it.

859. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 22:17:16 UTC
From: K5MYJ
Topic: 853 Message: 859

Jeff,

The one you mention sounds similar to the one I built.

Mine was from the 1962 handbook. It uses a 12AU7 where the input stage is a tuned RF stage. Grid rectification is used fro cutoff. It did work.

The problems I found is it does not reduce sensitivity of the receiver during transmit so the sidetone is too loud. The other problem is the sidetone only works when you are transmitting and receiving on the same frequency. Once transmitting you have to use the BFO to adjust the tone if the other guy changes frequency.

My SB-301 has a sidetone oscillator independent from the main tuning. I like that much better.

So my new keyer will mute the receiver and use a CW practice oscillator circuit to provide the sidetone.

I don't need full QSK. I just want automatic T/R switching. Hitting the key will start a timer (555) and after a short pause it will return to receiving.

I AM NOT A CONTEST OPERATOR!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: W8KZW
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, February 17, 2014 1:39 PM
Subject: RE: [heathkitnovicestations] Just Checking!

Bob -

Which circuit did you use that displeased you, and how was it deficient? I'm thinking about building the TR switch in the 1976 handbook for my homebrew 6DQ6 / Hallicrafters S-107 novice rig. It's a cathode follower for switching (12AU7 I think) preceeded by a tuned LC circuit preamp using the other half of the tube.

73,
Jeff
W8KZW
ex: WN2SCH

About ten years ago I built a QSK T/R switch for my DX-60/HR-10 but I was never happy with it. The new one will replace it.

860. RE: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 23:01:02 UTC
From: W8KZW
Topic: 853 Message: 860

Yes Bob ...sorry. I double checked and the edition I was referring to is 1971 so I'm sure we are on the same page.

I can understand the foundation for both issues you describe. It will cause me to rethink my approach. Sounds like a keying monitor is a must for off-rockbound frequency work. Maybe borrow a bit of the rectified DC to bias a transistor off / on in parallel with the RX standby switch for keyed muting.

In my Novice days I simply used a knife switch and rode the volume control on the RX!

73,
Jeff

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com]On Behalf Of K5MYJ
Sent: Monday, February 17, 2014 5:17 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Just Checking!

Jeff,

The one you mention sounds similar to the one I built.

Mine was from the 1962 handbook. It uses a 12AU7 where the input stage is a tuned RF stage. Grid rectification is used fro cutoff. It did work.

The problems I found is it does not reduce sensitivity of the receiver during transmit so the sidetone is too loud. The other problem is the sidetone only works when you are transmitting and receiving on the same frequency. Once transmitting you have to use the BFO to adjust the tone if the other guy changes frequency.

My SB-301 has a sidetone oscillator independent from the main tuning. I like that much better.

So my new keyer will mute the receiver and use a CW practice oscillator circuit to provide the sidetone.

I don't need full QSK. I just want automatic T/R switching. Hitting the key will start a timer (555) and after a short pause it will return to receiving.

I AM NOT A CONTEST OPERATOR!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: W8KZW
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, February 17, 2014 1:39 PM
Subject: RE: [heathkitnovicestations] Just Checking!

Bob -

Which circuit did you use that displeased you, and how was it deficient?
I'm thinking about building the TR switch in the 1976 handbook for my
homebrew 6DQ6 / Hallicrafters S-107 novice rig. It's a cathode follower for
switching (12AU7 I think) preceeded by a tuned LC circuit preamp using the
other half of the tube.

73,
Jeff
W8KZW
ex: WN2SCH

About ten years ago I built a QSK T/R switch for my DX-60/HR-10 but I
was never happy with it. The new one will replace it.

861. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-17 23:23:00 UTC
From: K5MYJ
Topic: 853 Message: 861

When I started in 1957 I had a 6AG7/807 transmitter from a mid 50's handbook and a rekitted S-38 (with the real BFO) receiver.

I also used a knife switch for the antenna.

To go to transmit I had to flip the S-38 to standby, flip the knife switch to the Transmitter, then turn the transmitter HV on. The oscillator in the transmitter was not keyed!

Then to return to receive I had to reverse this procedure.

NO QSK and NO SIDETONE!

I made 40M contacts almost every night from Austin, Tx. (that's where my K5MYJ came from).

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: W8KZW
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, February 17, 2014 3:01 PM
Subject: RE: [heathkitnovicestations] Just Checking!

Yes Bob ...sorry. I double checked and the edition I was referring to is 1971 so I'm sure we are on the same page.

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In my Novice days I simply used a knife switch and rode the volume control on the RX!

73,
Jeff

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com]On Behalf Of K5MYJ
Sent: Monday, February 17, 2014 5:17 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Just Checking!

Jeff,

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Subject: RE: [heathkitnovicestations] Just Checking!

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Jeff
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ex: WN2SCH

About ten years ago I built a QSK T/R switch for my DX-60/HR-10 but I was never happy with it. The new one will replace it.

862. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-18 02:23:56 UTC
From: Carl
Topic: 853 Message: 862

In 54 I built a regen version of an AA-4 out of Popular Science magazine. 12SK7 RF, 12SQ7 detector/audio, 50L6 AF amp, 45Z5 rectifier. Parts came from a couple of town dumps radios I recycled that I bicycled to, and a subway ride to Radio Row in NYC. I was 13 then.

Learned CW with it as well as a lot of SWLing especially AM hams. With just a 30' wire up about 15' it worked surprisingly well, even on 10M where I copied many VK/ZL on AM from Brooklyn NY.

As a Novice it was a real chore to copy CW in the QRM so Radio Row provided a used BC-454 and 455 that I suitably hacked following CQ articles from the library.The next step there was pulling capacitor plates to bandspread both radios, again per CQ Magazine.

We had moved to Nassau County "out on the island" by then.

Since I wanted to try 15M also I saved up enough from a couple of part time jobs to get a used HQ-129X and got hooked on DX.

After a couple of disasters I wound up with a 6AG7/6L6 for the 3 Novice bands and learned how to grind WW2 surplus crystals. Bandswitch was a clip lead.

Antennas were that 30' wire for the regen and the BC's and a 40M dipole which worked on 15 and tied the 72 Ohm twinlead feedline together for 80 and used a copper pipe in the basement for its ground. That was used with the 129X on all 3 bands.Best DX was when I stayed up late many times and finally worked KH6IJ with a 339 report on 80. "Nose" regularly worked Novices on 80 and it was announced in QST and CQ.....early Internet!

Antenna changeover then was a hardware store DPDT plastic base knife switch and another clip lead for 80.

Only headphones were used for hamming so I got pretty good changing the recevier dial for TX and RX if the frequency split was too wide.

Cant say Id want to do it again with that haywire but I do a lot of QRP work now with a 1939 Messiner Signal Shifter VFO and various receivers from a 1931 National SW-58 to another HQ-129X and a few others I cycle thru. Antennas are a lot better!

Carl
KM1H

----- Original Message -----
From: K5MYJ
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, February 17, 2014 6:23 PM

Subject: Re: [heathkitnovicestations] Just Checking!

When I started in 1957 I had a 6AG7/807 transmitter from a mid 50's handbook and a rekitted S-38 (with the real BFO) receiver.

I also used a knife switch for the antenna.

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I made 40M contacts almost every night from Austin, Tx. (that's where my K5MYJ came from).

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: W8KZW
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, February 17, 2014 3:01 PM
Subject: RE: [heathkitnovicestations] Just Checking!

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Jeff

-----Original Message-----
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Sent: Monday, February 17, 2014 5:17 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Just Checking!

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Sent: Monday, February 17, 2014 1:39 PM
Subject: RE: [heathkitnovicestations] Just Checking!

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73,
Jeff
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About ten years ago I built a QSK T/R switch for my DX-60/HR-10 but I was never happy with it. The new one will replace it.

863. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-18 02:33:18 UTC
From: Carl
Topic: 853 Message: 863

Im too busy chopping up furniture for the woodstove to keep warm (-;

Carl
KM1H

----- Original Message -----
From: macklinbob@...
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, February 17, 2014 3:48 PM
Subject: [heathkitnovicestations] Just Checking!

Anyone still trying to play with NOVICE operation.

Bob Macklin
K5myj
Seattle, Wa

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3705/7100 - Release Date: 02/17/14

864. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-18 05:50:43 UTC
From: w7dra@juno.com
Topic: 853 Message: 864
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

865. Re: [heathkitnovicestations] Just Checking!

Yahoo group: heathkitnovicestations
Date: 2014-02-20 20:27:43 UTC
From: JAMES HANLON
Topic: 853 Message: 865

The HRO-50 is one of my mainline receivers. The 6AG7/6146 rig gets a workout on the classic exchange twice a year.

Jim

Sent from my iPhone

> On Feb 17, 2014, at 2:27 PM, "K5MYJ" <macklinbob@gmail.com> wrote:
>
> Are you getting any use out of it.
>
> I have accumulated most of the parts to make a copy on the Millen 6L6/807 CW exciter (but using a 6AG7 in place of the 6L6). I may get to it this summer if I am still living.
>
> I'm working on a new keyer for my DX-60. One with sidetone.
>
> About ten years ago I built a QSK T/R switch for my DX-60/HR-10 but I was never happy with it. The new one will replace it.
>
> Also about a year ago I smoked the power transformer in the HR-10. I had a replacement and it is fixed. The cause was a short on the external 6V filament lead. I want to fuse that before using it anymore.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: JAMES HANLON
> To: heathkitnovicestations
> Sent: Monday, February 17, 2014 1:07 PM
> Subject: RE: [heathkitnovicestations] Just Checking!
>
>
> I've got my novice receiver, and HRO-50, and a replica of my novice transmitter, a 6AG7/6146 rig, on 80 and 40.
>
> Jim, W8KGI
>
> To: heathkitnovicestations@yahoogroups.com
> From: macklinbob@gmail.com
> Date: Mon, 17 Feb 2014 12:48:09 -0800
> Subject: [heathkitnovicestations] Just Checking!
>
>
> Anyone still trying to play with NOVICE operation.

>
> Bob Macklin
> K5myj
> Seattle, Wa
>

866. Announcment!

Yahoo group: heathkitnovicestations
Date: 2014-05-23 20:14:05 UTC
From: Bob Macklin
Topic: 866 Message: 866

We have started a new group for Vintage Radio Operation in the PNW.

https://groups.yahoo.com/neo/groups/PNW-Boatanchors/info

There is an active Vintage SSB group in Southern California but on 75M they don't make it in here the PNW.

Last night they tried 40M and their signals were marginal.

So a couple of us that like Boatanchors decided we would like to try and create a similar group here in the PNW

The few people I know here in the Seattle area don't see much HF activity except on contest days.

If you are interested check us out.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

867. CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-05 14:57:03 UTC
From: Bob Macklin
Topic: 867 Message: 867

Is anyone doing any CW operation. 80M is not useable at my QTH. But 40M seems OK.

I just don't hear much. But I may just not be trying at the right time.

I have been using the contests for testing. During last month's contest it was not as good as previous contests. I only copied about 12 stations. But I did get two rom Florida and two from Japan.

Where was the 15M Novice segment? Is it still useable?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

868. FOR SALE 80m Crystals $2.00

Yahoo group: heathkitnovicestations
Date: 2014-06-15 13:53:49 UTC
From: bcarling@...
Topic: 868 Message: 868

FOR SALE:

These are new old stock amateur band crystals on 3742 kHz.
Experiment, give one to a friend... you can't lose at this price.
QTY 4 of hc6u crystals (metal can) for $2.00 each.

Total of $8.00 for all four, plus shipping.
Combine with other items to save on shipping.

To see details or purchase online, see:
http://www.af4k.com/crystals.htm#3742

Otherwise e-mail me for your crystal needs.

73 - Bry, AF4K in Florida

Brian Carling, Radio AF4K

869. REDUCED - BA Power Resistors

Yahoo group: heathkitnovicestations
Date: 2014-06-15 15:27:35 UTC
From: bcarling@...
Topic: 869 Message: 869

FOR SALE: Power Resistors - Bleeder Resistors 30 Watts to 120 Watts
(nearly unobtainium.) - these have been dropped to very low prices.

First quality, USA made resistors. Great for homebrew projects or heavy metal Boatanchor repairs. Build a power supply, or restore a precious BA rig.

Most were $12.00 to $20.00 or more each
Now most are $3.00 to $8.00 each

Priced well below cost - For example:
12K ohms at 40 watts - $3.00
12K at 100 Watts - $6.00
20K at 100 Watts - $8.00
25K at 100 Watts - $9.00
Many other values listed at web page below.
Purchase with Paypal or CC on-line or drop me an e-mail

http://af4k.com/resistors.htm

73 - Bry, AF4K

Brian Carling, Radio AF4K

870. Re: [heathkitnovicestations] FOR SALE 80m Crystals $2.00

Yahoo group: heathkitnovicestations
Date: 2014-06-15 19:56:04 UTC
From: <w7dra@...>
Topic: 868 Message: 870
Attachments: 3 described; binary payloads are missing from this source WARC

OMG.....i just reread what you sent.....3742 not 3542 arg!!! i am getting more than enough heat using 3579 the CBLA preferred frequency, you could just see me on 3742 blasting away at 15 WPM.....

please recind the order and save for those of AM bent

sorry

mike w7dra

On Sun, 15 Jun 2014 09:53:49 -0400 "bcarling@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

FOR SALE:

These are new old stock amateur band crystals on 3742 kHz.
Experiment, give one to a friend... you can't lose at this price.
QTY 4 of hc6u crystals (metal can) for $2.00 each.

Total of $8.00 for all four, plus shipping.
Combine with other items to save on shipping.

To see details or purchase online, see:
http://www.af4k.com/crystals.htm#3742

Otherwise e-mail me for your crystal needs.

73 - Bry, AF4K in Florida

Brian Carling, Radio AF4K

LensCrafters® Eye Exams
Schedule Your Exam Online Today! Official LensCrafters® Site.
http://thirdpartyoffers.juno.com/TGL3141/539dfaacae3677aac6616st02vuc

871. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-19 22:55:43 UTC
From: bcarling@...
Topic: 867 Message: 871

The HF bands are particularly duifficult this time of year from here in Florida Bob.

I have S9 noise levels most of the time, all the way up to and including 30m.
I still manage some contacts. When things are just impossiible for CW, I switch to JT65 and call CQ. EVen when the bands seem to be their most eventually will answer!

73 de Bry AF4K
Sanford, FL

On 5 Jun 2014 at 7:57, Bob Macklin macklinbob@... wrote:

>
>
>
> Is anyone doing any CW operation. 80M is not useable at my QTH. But 40M seems OK.
>
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> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>
>

872. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-19 23:32:09 UTC
From: Bob Macklin
Topic: 867 Message: 872

We are just at the point where days will start getting shorter. Maybe things will improve.

We have also passed the peak of the current solar cycle so HF will gradually get worse.

The problem I see is cable TV and the internet have pulled people away from ham radio.

I have a couple of projects to complete but I would like to see if we can bet some SLOW CW going in the old Novice segment (7100-7125) later this year.

Don't get old! You CW will turn to CRAP! Hands don't work like they used to.

Vision turns to CRAP to and that makes working on radios more difficult.

At least I can still turn the dials on the BOATANCHORS. I have difficulty with the LED displays and menus on the modern stuff.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: bcarling@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 3:55 PM
Subject: Re: [heathkitnovicestations] CW Operation?

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Sanford, FL

On 5 Jun 2014 at 7:57, Bob Macklin macklinbob@msn.co wrote:

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> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>
>

873. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-19 23:48:58 UTC
From: <w7dra@...>
Topic: 867 Message: 873
Attachments: 3 described; binary payloads are missing from this source WARC

the CBLA (color burst liberation army) has put in a bit of levitity on 80m CW.....there are so few of us that having a single frequency to call on make cood sense

this field day i hope to get the 80m band on my HW10 working and and do a 1D effort from my backyard picnic table

go back east and you will find loads of guys doing slow CW on the 7100-7120 kcs band

doing 80/40 CW in both ohio and washington it never ceases to amaze me why i dont hear the ohio guys in washington, but then i dont hear the washington guys in ohio.....how many guys are on 7105 kcs at 230am in ohio, when in washington i could actually hear them?

mike w7dra

On Thu, 19 Jun 2014 16:32:09 -0700 "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

We are just at the point where days will start getting shorter. Maybe things will improve.

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The problem I see is cable TV and the internet have pulled people away from ham radio.

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Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----

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To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 3:55 PM
Subject: Re: [heathkitnovicestations] CW Operation?

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>
>
>

_____
The End of the "Made-In-China" Era
The impossible (but real) technology that could make you impossibly rich.
http://thirdpartyoffers.juno.com/TGL3141/53a37752c6cd977522f07st04vuc

874. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 00:40:01 UTC
From: Bob Macklin
Topic: 867 Message: 874
Attachments: 2 described; binary payloads are missing from this source WARC

Mike,

Are you hearing any CW in 7100-7125 here in Washington?

I just may not be listening at the right time. I normally check 40M between 6:30PM and about 10PM PT. I used to check 80M after 10PM(1AM Eastern!).

I still think the problem is cable TV and the internet!

I'm going to be doing some receiver/antenna testing on Field Day. I may make a portable transmitter for next year. I just got a decent portable receiver.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
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Subject: Re: [heathkitnovicestations] CW Operation?

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Seattle, Wa.
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Sent: Thursday, June 19, 2014 3:55 PM
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875. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 00:54:08 UTC
From: <w7dra@...>
Topic: 867 Message: 875
Attachments: 3 described; binary payloads are missing from this source WARC

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http://thirdpartyoffers.juno.com/TGL3141/53a38681e59968067b1st02vuc

876. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 01:23:32 UTC
From: Bob Macklin
Topic: 867 Message: 876
Attachments: 2 described; binary payloads are missing from this source WARC

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To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 5:54 PM
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Date: 2014-06-20 03:08:54 UTC
From: <w7dra@...>
Topic: 867 Message: 877
Attachments: 3 described; binary payloads are missing from this source WARC

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878. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 03:23:25 UTC
From: Bob Macklin
Topic: 867 Message: 878
Attachments: 2 described; binary payloads are missing from this source WARC

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Date: 2014-06-20 05:16:15 UTC
From: <w7dra@...>
Topic: 867 Message: 879
Attachments: 3 described; binary payloads are missing from this source WARC

you should use a two foot diameter tuneed loop, you can see plans all over the internet. that is the only thing to do if you have noise problems

at 0530z i will be down on 3547 and then 3579
calling CQ

mike w7dra

a drake r4? that is a better receiver than i have ever used

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To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 4:48 PM
Subject: Re: [heathkitnovicestations] CW Operation?

the CBLA (color burst liberation army) has put in a bit of levitity on 80m CW.....there are so few of us that having a single frequency to call on make cood sense

this field day i hope to get the 80m band on my HW10 working and and do a 1D effort from my backyard picnic table

go back east and you will find loads of guys doing slow CW on the 7100-7120 kcs band

doing 80/40 CW in both ohio and washington it never ceases to amaze me why i dont hear the ohio guys in washington, but then i dont hear the washington guys in ohio.....how many guys are on 7105 kcs at 230am in ohio, when in washington i could actually hear them?

mike w7dra

On Thu, 19 Jun 2014 16:32:09 -0700 "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

We are just at the point where days will start getting shorter. Maybe things will improve.

We have also passed the peak of the current solar cycle so HF will gradually get worse.

The problem I see is cable TV and the internet have pulled people away from ham radio.

I have a couple of projects to complete but I would like to see if we can bet some SLOW CW going in the old Novice segment (7100-7125) later this year.

Don't get old! You CW will turn to CRAP! Hands don't work like they used to.

Vision turns to CRAP to and that makes working on radios more difficult.

At least I can still turn the dials on the BOATANCHORS. I have difficulty with the LED displays and menus on the modern stuff.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: bcarling@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 3:55 PM
Subject: Re: [heathkitnovicestations] CW Operation?

The HF bands are particularly duifficult this time of year from here in Florida Bob.

I have S9 noise levels most of the time, all the way up to and including 30m.
I still manage some contacts. When things are just impossiible for CW, I switch to JT65 and

call CQ. EVen when the bands seem to be their most eventually will
answer!

73 de Bry AF4K
Sanford, FL

On 5 Jun 2014 at 7:57, Bob Macklin macklinbob@... wrote:

>
>
>
> Is anyone doing any CW operation. 80M is not useable at my QTH. But 40M
seems OK.
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> I just don't hear much. But I may just not be trying at the right time.
>
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> previous contests. I only copied about 12 stations. But I did get two
rom Florida and two from
> Japan.
>
> Where was the 15M Novice segment? Is it still useable?
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> Bob Macklin
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SafeAuto Car Insurance
Pay Only State Minimum Coverage. Switch Save $500 in 3 Easy Steps!
SafeAuto.com

_____
1 Odd trick Kills diabetes
100% scientifically-proven way to control blood sugar in 3 short weeks
http://thirdpartyoffers.juno.com/TGL3141/53a3c40e7206d440e326fst02vuc

880. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 13:12:18 UTC
From: Carl
Topic: 867 Message: 880

I operate AM and CW 160-6M with tube gear.

In one corner of the basement: RAL-7, NC-300 with 1% tolerance components in the 80 kc filters, SP-400X with HC-10, and SX-28 with BC-453 and QF-1.

On another pair of benches: highly modified 74A4 with cascaded filters (did that in 1965), 75A3 with 500 Hz mechanical filter and CE B Slicer, HRO-60 with HC-10, HQ-129X with BC-453.

Portable at our now sold Maine cabin: SX-140 highly modified with dual conversion and switchable 3KHz and 500Hz crystal filters. That and the stabilized and audio modified Knight T-150A sold as a package. It was the smallest package I could put together for the space available and have enough power to be useful on AM plus CW.

Carl
KM1H

----- Original Message -----
From: w7dra@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 11:08 PM
Subject: Re: [heathkitnovicestations] CW Operation?

80 meter station recievers:
in the basement, the best receiver ever made.....an RAL-7
in the radio cabin an HRO60/BC453
in the contest cabin an SX71/BC453
field day an HW16
W7DRA/7 in aberdeen wa an HRO50T
W7DRA/8 in cnterville ohio an 80m ARC5 with the extra diode of the 12SR7 acting as a second mixer to a BC453

mike w7dra

On Thu, 19 Jun 2014 18:23:32 -0700 "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

Mike,

What are you using for a 80M receiver?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@... [heathkitnovicestations]

To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 5:54 PM
Subject: Re: [heathkitnovicestations] CW Operation?

these are good times from what i have observed, but not many CQs up there most seem to be in rag chews. of course SKCC WES is the best time to observe up there

got mny antenna up again so i can work W6SYY. 3-5 times a week we converse. if not i just listen to W6SYY and N6MQL go at it

mike w7dra

On Thu, 19 Jun 2014 17:40:01 -0700 "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

Mike,

Are you hearing any CW in 7100-7125 here in Washington?

I just may not be listening at the right time. I normally check 40M between 6:30PM and about 10PM PT. I used to check 80M after 10PM(1AM Eastern!).

I still think the problem is cable TV and the internet!

I'm going to be doing some receiver/antenna testing on Field Day. I may make a portable transmitter for next year. I just got a decent portable receiver.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 4:48 PM
Subject: Re: [heathkitnovicestations] CW Operation?

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SafeAuto Car Insurance
Pay Only State Minimum Coverage. Switch Save $500 in 3 Easy Steps!
SafeAuto.com

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Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3972/7709 - Release Date: 06/19/14

881. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 13:12:20 UTC
From: Carl
Topic: 867 Message: 881

----- Original Message -----
From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 11:23 PM
Subject: Re: [heathkitnovicestations] CW Operation?

Do you normally need the Q5er? Does it reduce the background noise on 80M?

** A big yes and a Q Multiplier/notch filter works great.

Carl
KM1H

882. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 13:40:21 UTC
From: Bob Macklin
Topic: 867 Message: 882

Q5ers, Q-Multipliers, and notch filters are improvements for more primitive receivers.

I have a SB-301 (poor mans 75S) with all three filters.
I have a TS-520 with a 600Hz CW filter.
I have a Drake R4-A with the variable bandpass filter. I leave it wide when looking around.
I have an HR-10. The HR-10 has a fixes crystal filter.
I have a SX-111, It does not need an external filter.
I have an NC-109. It has a crystal/notch filter.
I just recently got a HR-1680. I'm still learning about it. I've only heard one CW station on it so far.

I also have a Kenwood R-2000 and a SX-110. They just don't have the sensitivity of the above receivers.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: 'Carl' km1h@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 6:12 AM
Subject: Re: [heathkitnovicestations] CW Operation?

----- Original Message -----
From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 11:23 PM
Subject: Re: [heathkitnovicestations] CW Operation?

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Carl
KM1H

883. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 15:37:03 UTC
From: Carl
Topic: 867 Message: 883

The SX-110 is pretty decent to 17M or so but it needs all paper caps (including any in plastic or ceramic tubes) and electrolytics replaced plus resistors checked for tolerance. Give it an alignment and sub in some NIB tubes if reception is still poor. A 6SB7Y has about 1/4 the noise resistance of a 6SA7 and is a direct swap.

Halli did a good thing by injecting the BFO into the last IF grid as AVC can be used.....but the gimmick "cap" has to go and injection increased. Experiment with different values in the 5-50pf range.

It wont be as good as the NC-109 which is a generation later in tubes used plus has a product detector. A 6BZ6 and 6BY6 in the first two sockets will wake it up on 17M and higher.

Carl
KM1H

----- Original Message -----
From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 9:40 AM
Subject: Re: [heathkitnovicestations] CW Operation?

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Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: 'Carl' km1h@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 6:12 AM

Subject: Re: [heathkitnovicestations] CW Operation?

----- Original Message -----
From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
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KM1H

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3972/7712 - Release Date: 06/20/14

884. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 15:57:20 UTC
From: Bob Macklin
Topic: 867 Message: 884

I like large sliderule dials like the SX-111, SX-110, NC-109, and HR-10 have.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: 'Carl' km1h@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 8:37 AM
Subject: Re: [heathkitnovicestations] CW Operation?

The SX-110 is pretty decent to 17M or so but it needs all paper caps (including any in plastic or ceramic tubes) and electrolytics replaced plus resistors checked for tolerance. Give it an alignment and sub in some NIB tubes if reception is still poor. A 6SB7Y has about 1/4 the noise resistance of a 6SA7 and is a direct swap.

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It wont be as good as the NC-109 which is a generation later in tubes used plus has a product detector. A 6BZ6 and 6BY6 in the first two sockets will wake it up on 17M and higher.

Carl
KM1H

----- Original Message -----
From: Bob Macklin macklinbob@msn.com [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 9:40 AM
Subject: Re: [heathkitnovicestations] CW Operation?

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K5MYJ
Seattle, Wa.
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To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 6:12 AM
Subject: Re: [heathkitnovicestations] CW Operation?

----- Original Message -----
From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, June 19, 2014 11:23 PM
Subject: Re: [heathkitnovicestations] CW Operation?

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KM1H

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Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3972/7712 - Release Date: 06/20/14

885. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 16:05:32 UTC
From: Carl
Topic: 867 Message: 885

Then you need a NC-300/303.

My oldest slide rule set is a 1933-34 National FB-XA which I use often on 30M

Carl
KM1H

----- Original Message -----
From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 11:57 AM
Subject: Re: [heathkitnovicestations] CW Operation?

I like large sliderule dials like the SX-111, SX-110, NC-109, and HR-10 have.

Bob Macklin
K5MYJ
Seattle, Wa.
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From: 'Carl' km1h@... [heathkitnovicestations]
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Carl
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From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com

Sent: Friday, June 20, 2014 9:40 AM
Subject: Re: [heathkitnovicestations] CW Operation?

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Version: 2014.0.4592 / Virus Database: 3972/7712 - Release Date: 06/20/14

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886. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 16:17:40 UTC
From: <w7dra@...>
Topic: 867 Message: 886
Attachments: 3 described; binary payloads are missing from this source WARC

i am going backwards, i am building a 6u8 mixer/xtal osc - 6u8 colpitts regen/audio - 6u8 audio, and for a trasmitter a 5763 6DQ6 xtal

advanced commerical gear like the HW16 is fine but i have passed that phase

biggest mistake was dumping the sx28, hqi29 and sp400

mike w7dra

On Fri, 20 Jun 2014 12:05:32 -0400 "'Carl' km1h@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

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_____
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http://www.netzero.net/?refcd=NZINTISP0512T4GOUT2

887. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 16:29:20 UTC
From: Bob Macklin
Topic: 867 Message: 887

I'm pretty happy with what I have now. I looked at the NC-300 and NC-303 several years ago.

But at the current time I don't see enough activity (except on contest day) to justify them.

I often lust for a 75S-3 but It too would be a waste of money.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: 'Carl' km1h@....com [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 9:05 AM
Subject: Re: [heathkitnovicestations] CW Operation?

Then you need a NC-300/303.

My oldest slide rule set is a 1933-34 National FB-XA which I use often on 30M

Carl
KM1H

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From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 11:57 AM
Subject: Re: [heathkitnovicestations] CW Operation?

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Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
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From: 'Carl' km1h@jeremy.mv.com [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 8:37 AM
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From: 'Carl' km1h@jeremy.mv.com [heathkitnovicestations]
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Sent: Friday, June 20, 2014 6:12 AM
Subject: Re: [heathkitnovicestations] CW Operation?

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From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
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Checked by AVG - www.avg.com
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Version: 2014.0.4592 / Virus Database: 3972/7712 - Release Date: 06/20/14

888. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 16:34:34 UTC
From: Bob Macklin
Topic: 867 Message: 888
Attachments: 2 described; binary payloads are missing from this source WARC

With the lack of activity I see here (I live near Mike) a regen will do just fine. The bands are not crowded except on contest days. And the last few contests were not very exciting.

I hate the SSB contests. They don't give you enough to fine tune them so you can get their call. Sometimes all they do is spit out their call and the word "CONTEST" then listen.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 9:17 AM
Subject: Re: [heathkitnovicestations] CW Operation?

i am going backwards, i am building a 6u8 mixer/xtal osc - 6u8 colpitts regen/audio - 6u8 audio, and for a trasmitter a 5763 6DQ6 xtal

advanced commerical gear like the HW16 is fine but i have passed that phase

biggest mistake was dumping the sx28, hqi29 and sp400

mike w7dra

On Fri, 20 Jun 2014 12:05:32 -0400 "'Carl' km1h@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

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Carl
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_____
Fast, Secure, NetZero 4G Mobile Broadband. Try it.

889. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 16:38:52 UTC
From: Bob Macklin
Topic: 867 Message: 889

I wonder what the other people that belong to this group are doing.

I'm making a CW keyer for my DX-60 so I can get my DX-60/HR-10 back in operation.

I want a keyer that gives me semi-break-in and sidetone.

I'm working on a solid state one right now but I may build a tube one also.

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From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 9:29 AM
Subject: Re: [heathkitnovicestations] CW Operation?

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But at the current time I don't see enough activity (except on contest day) to justify them.

I often lust for a 75S-3 but It too would be a waste of money.

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Subject: Re: [heathkitnovicestations] CW Operation?

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890. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 18:34:07 UTC
From: Carl
Topic: 867 Message: 890

I use a HA-1 TO Keyer or a SS "Kansas City Keyer" from the 80's. Both will key tube rigs. I refuse to use a straight key and the Vibroplex Presentation bug I got for my 16th birthday has been it its case since I got the first KC Keyer....Id be afraid to go on the air with it without lots of practice which would then mess up my keyer use!

BTW you can find a NC-300 for $75-100 that isnt cosmetically excellent, needs a new dial cord, or has some simple other problem. They also need a full recap and resistors checked.

Carl
KM1H

----- Original Message -----
From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Friday, June 20, 2014 12:38 PM
Subject: Re: [heathkitnovicestations] CW Operation?

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891. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 18:37:55 UTC
From: <w7dra@...>
Topic: 867 Message: 891
Attachments: 3 described; binary payloads are missing from this source WARC

oops....i meant sp600, i am using as a 40 meter receriver a sp400
ultimate conversion

biggest mistake was dumping the sx28, hqi29 and sp400

mike w7dra

.

The #1 Worst Carb Ever?
Click to Learn #1 Carb that Kills Your Blood Sugar (Don't Eat This!)
http://thirdpartyoffers.juno.com/TGL3141/53a47fcdaa0e77fcd3eecst03vuc

892. Re: [heathkitnovicestations] CW Operation?

Yahoo group: heathkitnovicestations
Date: 2014-06-20 18:48:15 UTC
From: <w7dra@...>
Topic: 867 Message: 892
Attachments: 2 described; binary payloads are missing from this source WARC

you don't get many recerivers any more

I got this one at a flea market, the seller said, "why I was just listen'en to 40m RTTY on it last night". WOW! for 40 bucks!! I took it home and ..... nothing, looked under the back side and found no wiring on several tube sockets (top had all tubes of various sorts plugged in to it).....found a lacking second IF screen risister, added it and it was been working ever since. so i have no noise limiter or AVC.....
mike w7dra

40m RTTY.....yea sure .....he saw me coming

On Fri, 20 Jun 2014 11:37:55 -0700 "w7dra@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

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The #1 Worst Carb Ever?
Click to Learn #1 Carb that Kills Your Blood Sugar (Don't Eat This!)
FixYourBloodSugar.com
_____
The #1 Worst Carb Ever?
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http://thirdpartyoffers.juno.com/TGL3141/53a48231efdf2307d42st02vuc

893. FS: DX60B, HG-10B VFO and D104 mic

Yahoo group: heathkitnovicestations
Date: 2014-06-25 11:59:00 UTC
From: bcarling@...
Topic: 893 Message: 893

FOR SALE: Extra Nice DX60B and HG10B VFO

All in good working condition - GREAT appearance. Includes interconnecting cables.

Heathkit DX60B AM/CW Transmitter with original manual - $125.00

Heathkit HG-10B VFO matches the DX60 - $80.00

Buy both together for $195.00 plus shipping

ALSO - Astatic D104 microphone with stand - $55.00
purchase with above radio for $45.00

Pictures are available. Inquiries off the list please.

73 - Brian Carling, AF4K

Brian Carling, Radio AF4K

894. FS: DX60B, HG-10B VFO and D104 mic

Yahoo group: heathkitnovicestations
Date: 2014-06-25 11:59:01 UTC
From: bcarling@...
Topic: 893 Message: 894

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Buy both together for $195.00 plus shipping

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purchase with above radio for $45.00

Pictures are available. Inquiries off the list please.

73 - Brian Carling, AF4K

Brian Carling, Radio AF4K

895. FS: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-29 18:17:17 UTC
From: bcarling@...
Topic: 895 Message: 895

For Sale: Set of Transmitter Tubes

Running (or restoring) a Heathkit DX100 ??

These are from a working DX100 transmitter. Great for use as spares or replacements.
All tested and working as described below

Two RCA 807 tubes (one gassy one) - with plate caps
Two RCA 6146 tubes
One G.E. 5V4 rectifier (worth serious money)
One RCA 5U4 Rectifier
One Tung-sol 6AU6
One RCA 6AU6
Two G.E. 6AU6
Two G.E. 6AQ5
One G.E. 6AL5
(I prefer not to sell these individually)
You get all 13 tubes for $30.00 plus shipping.

ALSO:

Heathkit DX100 chassis with many small parts - $20.00 plus shipping
(Two available.)

Heathkit DX100 VFO assembly - $20.00 plus shipping
(Two available.)

ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked - $25.00 plus shipping

ONE Plate Transformer from a Viking II Transmitter - $50.00 plus shipping.

73 & thanks for looking.

Brian Carling, AF4K

Brian Carling, Radio AF4K

896. Re: [Ham Radio Traders Club] FS: DX60B, HG-10B VFO and D104 mic

Yahoo group: heathkitnovicestations
Date: 2014-06-29 18:20:05 UTC
From: bcarling@...
Topic: 893 Message: 896

The DX60B etc. was all sold. Thank you to everyone who inquired.

73 - Brian, AF4K

On 25 Jun 2014 at 7:59, bcarling@... [hamradio wrote:

>
>
> FOR SALE: Extra Nice DX60B and HG10B VFO
>
> All in good working condition - GREAT appearance. Includes interconnecting cables.
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> Heathkit DX60B AM/CW Transmitter with original manual - $125.00
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> 73 - Brian Carling, AF4K
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>
> Brian Carling, Radio AF4K
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>

897. Re: [heathkitnovicestations] FS: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-29 20:43:11 UTC
From: Carl
Topic: 895 Message: 897

That is not even close to a DX-100 tube line up and a 5V4 is far from scarce

Carl
KM1H

----- Original Message -----
From: bcarling@... [heathkitnovicestations]
To: heathkit@... ; heathkitnovicestations@yahoogroups.com ;
Heathkit-Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ; johnson@...
Sent: Sunday, June 29, 2014 2:17 PM
Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc. etc.

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Heathkit DX100 VFO assembly - $20.00 plus shipping
(Two available.)

ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked - $25.00 plus shipping

ONE Plate Transformer from a Viking II Transmitter - $50.00 plus shipping.

73 & thanks for looking.

Brian Carling, AF4K

Brian Carling, Radio AF4K

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date: 06/29/14

898. RE: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 00:10:25 UTC
From: bcarling@...
Topic: 895 Message: 898

Thanks - Carl (or Jeremy) may be correct about the line up of tubes being incorrect for the DX100 (my mistake) and the buyer has seen the list. But thank you for pointing that out anyway. They have been sold nonetheless.

The 5V4 is also a very cheap tube as he has pointed out - one popular site sells them for $29.95 and another sells them for $19.95 so they are obviously desirable to someone.
Some of the used ones on eBay are going for $12, $39 and $69.00 each. Two Mullard ones will set you back $119.00 plus shipping.
So mine is not bad in the mix with these other ham transmitter tubes for $30.00 total.

On 29 Jun 2014 at 16:43, 'Carl' km1h@... wrote:

>
>
>
> That is not even close to a DX-100 tube line up and a 5V4 is far from scarce
>
> Carl
> KM1H
>
>
> ----- Original Message -----
> From: bcarling@... [heathkitnovicestations]
> To: heathkit@... ; heathkitnovicestations@yahoogroups.com ; Heathkit-
> Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ;
> johnson@...
> Sent: Sunday, June 29, 2014 2:17 PM
> Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc. etc.
>
>
> For Sale: Set of Transmitter Tubes
>
> Running (or restoring) a Heathkit DX100 ??
>
> These are from a working DX100 transmitter. Great for use as spares or replacements.
> All tested and working as described below
>
> Two RCA 807 tubes (one gassy one) - with plate caps
> Two RCA 6146 tubes
> One G.E. 5V4 rectifier (worth serious money)
> One RCA 5U4 Rectifier
> One Tung-sol 6AU6
> One RCA 6AU6
> Two G.E. 6AU6
> Two G.E. 6AQ5
> One G.E. 6AL5

> (I prefer not to sell these individually)
> You get all 13 tubes for $30.00 plus shipping.
>
> ALSO:
>
> Heathkit DX100 chassis with many small parts - $20.00 plus shipping
> (Two available.)
>
> Heathkit DX100 VFO assembly - $20.00 plus shipping
> (Two available.)
>
> ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked - $25.00 plus shipping
>
> ONE Plate Transformer from a Viking II Transmitter - $50.00 plus shipping.
>
> 73 & thanks for looking.
>
> Brian Carling, AF4K
>
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>
>
>
> Brian Carling, Radio AF4K
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date: 06/29/14
>
>
>

899. Re: [heathkitnovicestations] RE: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 00:17:27 UTC
From: bcarling@...
Topic: 895 Message: 899

Carl - FYI - one of the main suppliers is out of them, and when he had them they were sold for $50.00 each. So I guess "none left" is rather different from "scarce" :}

http://www.thetubestore.com/Tubes/Other-Rectifier-Tube-Types/5V4

> On 29 Jun 2014 at 16:43, 'Carl' km1h@... wrote:
>
> >
> >
> >
> > a 5V4 is far from scarce
> >
> > Carl
> > KM1H
> >
> >
> > ----- Original Message -----
> > From: bcarling@... [heathkitnovicestations]
> > To: heathkit@... ; heathkitnovicestations@yahoogroups.com ; Heathkit-
> > Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ;
> > johnson@...
> > Sent: Sunday, June 29, 2014 2:17 PM
> > Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc. etc.
> >
> >
> > For Sale: Set of Transmitter Tubes
> >
> > Running (or restoring) a Heathkit DX100 ??
> >
> > These are from a working DX100 transmitter. Great for use as spares or replacements.
> > All tested and working as described below
> >
> > Two RCA 807 tubes (one gassy one) - with plate caps
> > Two RCA 6146 tubes
> > One G.E. 5V4 rectifier (worth serious money)
> > One RCA 5U4 Rectifier
> > One Tung-sol 6AU6
> > One RCA 6AU6
> > Two G.E. 6AU6
> > Two G.E. 6AQ5
> > One G.E. 6AL5
> > (I prefer not to sell these individually)
> > You get all 13 tubes for $30.00 plus shipping.
> >
> > ALSO:

> >
> > Heathkit DX100 chassis with many small parts - $20.00 plus shipping
> > (Two available.)
> >
> > Heathkit DX100 VFO assembly - $20.00 plus shipping
> > (Two available.)
> >
> > ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked - $25.00 plus shipping
> >
> > ONE Plate Transformer from a Viking II Transmitter - $50.00 plus shipping.
> >
> > 73 & thanks for looking.
> >
> > Brian Carling, AF4K
> >
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> >
> > Brian Carling, Radio AF4K
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date: 06/29/14
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> ---
> Posted by: bcarling@...
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> ---
>
> Yahoo Groups Links
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>

Brian Carling, Radio AF4K

900. Re: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 00:54:41 UTC
From: Carl
Topic: 895 Message: 900

Whats so hard determining the difference between my name and the email provider? Put the bottle down.

If all you check is audiophool sites then be prepared to pay more for old style G ST glass tubes. A quick check shows the 5V4GA available for $9 NIB from a dealer.

National uses the 5V4 in many sets and Ive always found plenty under $5 from non greed driven sources. Plus I repair a lot of DX-100, Viking I and II, and others using that tube.

BTW, that tube set was for a Viking II with a few mistakes but obviously you didnt really have the rig or tested the tubes so $30 is a crap shoot....some folks win at craps.

----- Original Message -----
From: <bcarling@...>
To: <heathkitnovicestations@yahoogroups.com>; <heathkit@...>;
<Heathkit-Radios@yahoogroups.com>;
<Heathkit-Radios-Moderated@yahoogroups.com>; <johnson@...>
Cc: <km1h@...>
Sent: Sunday, June 29, 2014 8:10 PM
Subject: RE: Set of Transmitter Tubes etc. etc.

Thanks - Carl (or Jeremy) may be correct about the line up of tubes being incorrect for the
DX100 (my mistake) and the buyer has seen the list. But thank you for pointing that out
anyway. They have been sold nonetheless.

The 5V4 is also a very cheap tube as he has pointed out - one popular site sells them for
$29.95 and another sells them for $19.95 so they are obviously desirable to someone.
Some of the used ones on eBay are going for $12, $39 and $69.00 each. Two Mullard ones
will set you back $119.00 plus shipping.
So mine is not bad in the mix with these other ham transmitter tubes for $30.00 total.

On 29 Jun 2014 at 16:43, 'Carl' km1h@... wrote:

>
>
>
> That is not even close to a DX-100 tube line up and a 5V4 is far from
> scarce

>
> Carl
> KM1H
>
>
> ----- Original Message -----
> From: bcarling@... [heathkitnovicestations]
> To: heathkit@... ; heathkitnovicestations@yahoogroups.com
> ; Heathkit-
> Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ;
> johnson@...
> Sent: Sunday, June 29, 2014 2:17 PM
> Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc.
> etc.
>
>
> For Sale: Set of Transmitter Tubes
>
> Running (or restoring) a Heathkit DX100 ??
>
> These are from a working DX100 transmitter. Great for use as spares or
> replacements.
> All tested and working as described below
>
> Two RCA 807 tubes (one gassy one) - with plate caps
> Two RCA 6146 tubes
> One G.E. 5V4 rectifier (worth serious money)
> One RCA 5U4 Rectifier
> One Tung-sol 6AU6
> One RCA 6AU6
> Two G.E. 6AU6
> Two G.E. 6AQ5
> One G.E. 6AL5
> (I prefer not to sell these individually)
> You get all 13 tubes for $30.00 plus shipping.
>
> ALSO:
>
> Heathkit DX100 chassis with many small parts - $20.00 plus shipping
> (Two available.)
>
> Heathkit DX100 VFO assembly - $20.00 plus shipping
> (Two available.)
>
> ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked -
> $25.00 plus shipping
>
> ONE Plate Transformer from a Viking II Transmitter - $50.00 plus shipping.
>
> 73 & thanks for looking.

>
> Brian Carling, AF4K
>
>
>
>
>
> Brian Carling, Radio AF4K
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date:
> 06/29/14
>
>
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3986/7766 - Release Date: 06/29/14

901. Re: [heathkitnovicestations] RE: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 00:56:05 UTC
From: Carl
Topic: 895 Message: 901

I dont frequent the sites that you use.

----- Original Message -----
From: bcarling@...
To: heathkitnovicestations@yahoogroups.com ; heathkit@... ;
Heathkit-Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ; johnson@...
Cc: km1h@....com
Sent: Sunday, June 29, 2014 8:17 PM
Subject: Re: [heathkitnovicestations] RE: Set of Transmitter Tubes etc. etc.

Carl - FYI - one of the main suppliers is out of them, and when he had them they were sold for $50.00 each. So I guess "none left" is rather different from "scarce" :}

http://www.thetubestore.com/Tubes/Other-Rectifier-Tube-Types/5V4

> On 29 Jun 2014 at 16:43, 'Carl' km1h@... wrote:
>
> >
> >
> >
> > a 5V4 is far from scarce
> >
> > Carl
> > KM1H
> >
> >
> > ----- Original Message -----
> > From: bcarling@cfl.rr.com [heathkitnovicestations]
> > To: heathkit@... ; heathkitnovicestations@yahoogroups.com ; Heathkit-
> > Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ;
> > johnson@mailman.qth.net
> > Sent: Sunday, June 29, 2014 2:17 PM
> > Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc. etc.
> >
> >
> > For Sale: Set of Transmitter Tubes
> >
> > Running (or restoring) a Heathkit DX100 ??
> >
> > These are from a working DX100 transmitter. Great for use as spares or replacements.
> > All tested and working as described below
> >
> > Two RCA 807 tubes (one gassy one) - with plate caps
> > Two RCA 6146 tubes
> > One G.E. 5V4 rectifier (worth serious money)
> > One RCA 5U4 Rectifier

> > One Tung-sol 6AU6
> > One RCA 6AU6
> > Two G.E. 6AU6
> > Two G.E. 6AQ5
> > One G.E. 6AL5
> > (I prefer not to sell these individually)
> > You get all 13 tubes for $30.00 plus shipping.
> >
> > ALSO:
> >
> > Heathkit DX100 chassis with many small parts - $20.00 plus shipping
> > (Two available.)
> >
> > Heathkit DX100 VFO assembly - $20.00 plus shipping
> > (Two available.)
> >
> > ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked - $25.00 plus shipping
> >
> > ONE Plate Transformer from a Viking II Transmitter - $50.00 plus shipping.
> >
> > 73 & thanks for looking.
> >
> > Brian Carling, AF4K
> >
> >
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> >
> > Brian Carling, Radio AF4K
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date: 06/29/14
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> ---
> Posted by: bcarling@...
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> Yahoo Groups Links
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Brian Carling, Radio AF4K

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3986/7766 - Release Date: 06/29/14

902. Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 02:47:20 UTC
From: Brian Carling
Topic: 895 Message: 902

Ah, yes as always you know so much... One might even take you for
A clairvoyant.

Back to plonking your rude posts.

Best regards - Bry Carling

> On Jun 29, 2014, at 8:54 PM, "'Carl' km1h@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com> wrote:
>
> Whats so hard determining the difference between my name and the email
> provider? Put the bottle down.
>
> If all you check is audiophool sites then be prepared to pay more for old
> style G ST glass tubes. A quick check shows the 5V4GA available for $9 NIB
> from a dealer.
>
> National uses the 5V4 in many sets and Ive always found plenty under $5 from
> non greed driven sources. Plus I repair a lot of DX-100, Viking I and II,
> and others using that tube.
>
> BTW, that tube set was for a Viking II with a few mistakes but obviously you
> didnt really have the rig or tested the tubes so $30 is a crap shoot....some
> folks win at craps.
>
> ----- Original Message -----
> From: <bcarling@...>
> To: <heathkitnovicestations@...m>; <heathkit@...>;
> <Heathkit-Radios@yahoogroups.com>;
> <Heathkit-Radios-Moderated@yahoogroups.com>; <johnson@...>
> Cc: <km1h@...>
> Sent: Sunday, June 29, 2014 8:10 PM
> Subject: RE: Set of Transmitter Tubes etc. etc.
>
>
> Thanks - Carl (or Jeremy) may be correct about the line up of tubes being
> incorrect for the
> DX100 (my mistake) and the buyer has seen the list. But thank you for
> pointing that out
> anyway. They have been sold nonetheless.
>
> The 5V4 is also a very cheap tube as he has pointed out - one popular site
> sells them for
> $29.95 and another sells them for $19.95 so they are obviously desirable to
> someone.
> Some of the used ones on eBay are going for $12, $39 and $69.00 each. Two

> Mullard ones
> will set you back $119.00 plus shipping.
> So mine is not bad in the mix with these other ham transmitter tubes for
> $30.00 total.
>
>
>> On 29 Jun 2014 at 16:43, 'Carl' km1h@... wrote:
>>
>>
>>
>>
>> That is not even close to a DX-100 tube line up and a 5V4 is far from
>> scarce
>>
>> Carl
>> KM1H
>>
>>
>> ----- Original Message -----
>> From: bcarling@... [heathkitnovicestations]
>> To: heathkit@... ; heathkitnovicestations@yahoogroups.com
>> ; Heathkit-
>> Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ;
>> johnson@...
>> Sent: Sunday, June 29, 2014 2:17 PM
>> Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc.
>> etc.
>>
>>
>> For Sale: Set of Transmitter Tubes
>>
>> Running (or restoring) a Heathkit DX100 ??
>>
>> These are from a working DX100 transmitter. Great for use as spares or
>> replacements.
>> All tested and working as described below
>>
>> Two RCA 807 tubes (one gassy one) - with plate caps
>> Two RCA 6146 tubes
>> One G.E. 5V4 rectifier (worth serious money)
>> One RCA 5U4 Rectifier
>> One Tung-sol 6AU6
>> One RCA 6AU6
>> Two G.E. 6AU6
>> Two G.E. 6AQ5
>> One G.E. 6AL5
>> (I prefer not to sell these individually)
>> You get all 13 tubes for $30.00 plus shipping.
>>
>> ALSO:

>>
>> Heathkit DX100 chassis with many small parts - $20.00 plus shipping
>> (Two available.)
>>
>> Heathkit DX100 VFO assembly - $20.00 plus shipping
>> (Two available.)
>>
>> ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked -
>> $25.00 plus shipping
>>
>> ONE Plate Transformer from a Viking II Transmitter - $50.00 plus shipping.
>>
>> 73 & thanks for looking.
>>
>> Brian Carling, AF4K
>>
>>
>>
>>
>>
>> Brian Carling, Radio AF4K
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date:
>> 06/29/14
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> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4592 / Virus Database: 3986/7766 - Release Date: 06/29/14
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> ------------------------------------
> Posted by: "Carl" <km1h@...>
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>
> Yahoo Groups Links
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903. Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 16:33:29 UTC
From: Carl
Topic: 895 Message: 903

I call them informative posts meant so others dont get scammed by misleading
low end sellers.

----- Original Message -----
From: Brian Carling bcarling@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Cc: <heathkit@...> ; <Heathkit-Radios@yahoogroups.com> ;
<Heathkit-Radios-Moderated@yahoogroups.com> ; <johnson@...>
Sent: Sunday, June 29, 2014 10:47 PM
Subject: Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.

Ah, yes as always you know so much... One might even take you for
A clairvoyant.

Back to plonking your rude posts.

Best regards - Bry Carling

> On Jun 29, 2014, at 8:54 PM, "'Carl' km1h@...
> [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:
>
> Whats so hard determining the difference between my name and the email
> provider? Put the bottle down.
>
> If all you check is audiophool sites then be prepared to pay more for old
> style G ST glass tubes. A quick check shows the 5V4GA available for $9 NIB
> from a dealer.
>
> National uses the 5V4 in many sets and Ive always found plenty under $5
> from
> non greed driven sources. Plus I repair a lot of DX-100, Viking I and II,
> and others using that tube.
>
> BTW, that tube set was for a Viking II with a few mistakes but obviously
> you
> didnt really have the rig or tested the tubes so $30 is a crap
> shoot....some
> folks win at craps.
>
> ----- Original Message -----
> From: <bcarling@...>
> To: <heathkitnovicestations@yahoogroups.com>; <heathkit@...>;
> <Heathkit-Radios@yahoogroups.com>;
> <Heathkit-Radios-Moderated@yahoogroups.com>; <johnson@...>
> Cc: <km1h@...>
> Sent: Sunday, June 29, 2014 8:10 PM

> Subject: RE: Set of Transmitter Tubes etc. etc.
>
>
> Thanks - Carl (or Jeremy) may be correct about the line up of tubes being
> incorrect for the
> DX100 (my mistake) and the buyer has seen the list. But thank you for
> pointing that out
> anyway. They have been sold nonetheless.
>
> The 5V4 is also a very cheap tube as he has pointed out - one popular site
> sells them for
> $29.95 and another sells them for $19.95 so they are obviously desirable
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> someone.
> Some of the used ones on eBay are going for $12, $39 and $69.00 each. Two
> Mullard ones
> will set you back $119.00 plus shipping.
> So mine is not bad in the mix with these other ham transmitter tubes for
> $30.00 total.
>
>
>> On 29 Jun 2014 at 16:43, 'Carl' km1h@... wrote:
>>
>>
>>
>>
>> That is not even close to a DX-100 tube line up and a 5V4 is far from
>> scarce
>>
>> Carl
>> KM1H
>>
>>
>> ----- Original Message -----
>> From: bcarling@... [heathkitnovicestations]
>> To: heathkit@... ; heathkitnovicestations@yahoogroups.com
>> ; Heathkit-
>> Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ;
>> johnson@...
>> Sent: Sunday, June 29, 2014 2:17 PM
>> Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc.
>> etc.
>>
>>
>> For Sale: Set of Transmitter Tubes
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>> Running (or restoring) a Heathkit DX100 ??
>>
>> These are from a working DX100 transmitter. Great for use as spares or
>> replacements.

>> All tested and working as described below
>>
>> Two RCA 807 tubes (one gassy one) - with plate caps
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>> One G.E. 5V4 rectifier (worth serious money)
>> One RCA 5U4 Rectifier
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>> One RCA 6AU6
>> Two G.E. 6AU6
>> Two G.E. 6AQ5
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>> (I prefer not to sell these individually)
>> You get all 13 tubes for $30.00 plus shipping.
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>> ALSO:
>>
>> Heathkit DX100 chassis with many small parts - $20.00 plus shipping
>> (Two available.)
>>
>> Heathkit DX100 VFO assembly - $20.00 plus shipping
>> (Two available.)
>>
>> ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked -
>> $25.00 plus shipping
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>> ONE Plate Transformer from a Viking II Transmitter - $50.00 plus
>> shipping.
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>> 73 & thanks for looking.
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>> Brian Carling, AF4K
>>
>>
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>>
>> Brian Carling, Radio AF4K
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date:
>> 06/29/14
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> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4592 / Virus Database: 3986/7766 - Release Date: 06/29/14

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> ------------------------------------
> Posted by: "Carl" <km1h@...>
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>
> Yahoo Groups Links
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4592 / Virus Database: 3986/7766 - Release Date: 06/29/14

904. Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 16:43:43 UTC
From: L L bahr
Topic: 895 Message: 904

If anyone wants some personal experience with this guy, contact me and I can tell you my own personal experience dealing with him. Never again! Carl has him pegged!
Lee, w0vt

----- Original Message -----

From: "'Carl' km1h@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com
Cc: heathkit@..., Heathkit-Radios@yahoogroups.com,
Heathkit-Radios-Moderated@yahoogroups.com, johnson@...
Sent: Monday, June 30, 2014 11:33:29 AM
Subject: Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.

I call them informative posts meant so others dont get scammed by misleading
low end sellers.

905. Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 17:05:32 UTC
From: Brian Carling
Topic: 895 Message: 905

Lee who are you referring to?

If you mean me, that is rather unfair. We always make sure to make everything right with anyone who has a complaint. That's about 2 people in 15 years. We try hard.

Best regards - Brian Carling AF4K
Marie Carling WB4QBL

There are one or two people on this world who do not want to be satisfied no matter what you do to put things right.

We are proud of a strong 99.9% positive rating.

http://af4k.com/references.htm

> On Jun 30, 2014, at 12:43 PM, "'L L bahr ' pulsarxp@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:
>
>
>
> If anyone wants some personal experience with this guy, contact me and I can tell you my own personal experience dealing with him. Never again! Carl has him pegged!
> Lee, w0vt
>
> From: "'Carl' km1h@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com>
> To: heathkitnovicestations@yahoogroups.com
> Cc: heathkit@..., Heathkit-Radios@yahoogroups.com, Heathkit-Radios-Moderated@yahoogroups.com, johnson@...
> Sent: Monday, June 30, 2014 11:33:29 AM
> Subject: Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.
>
> I call them informative posts meant so others dont get scammed by misleading
> low end sellers.
>
>
>
>

906. Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-06-30 20:21:24 UTC
From: bcarling@...
Topic: 895 Message: 906

That is correct Charles. Often guys will save money by substuting 5AR4 and 5V4 tubes for each other. You are right - they usually go for crazy prices.

All the best

On 6/29/2014 2010, bcarling@... wrote:
>The 5V4 is also a very cheap tube as he has pointed out - one popular site sells them for $29.95 and another sells them for $19.95 so they are obviously desirable to someone. Some of the used ones on eBay are going for $12, $39 and $69.00 each. Two Mullard ones will set you back $119.00 plus shipping. So mine is not bad in the mix with these other ham transmitter tubes for $30.00 total.

The similar 5AR4 goes for crazy prices.

--
Charles Ring W3NU

On 30 Jun 2014 at 12:33, someone wrote:

> I call them informative posts meant so others dont get scammed by misleading
> low end sellers.
>
>
> ----- Original Message -----
> From: Brian Carling bcarling@... [heathkitnovicestations]
> To: heathkitnovicestations@yahoogroups.com
> Cc: <heathkit@...> ; <Heathkit-Radios@yahoogroups.com> ;
> <Heathkit-Radios-Moderated@yahoogroups.com> ; <johnson@...>
> Sent: Sunday, June 29, 2014 10:47 PM
> Subject: Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc. etc.
>
>
>
> Ah, yes as always you know so much... One might even take you for
> A clairvoyant.
>
> Back to plonking your rude posts.
>
> Best regards - Bry Carling
>
> > On Jun 29, 2014, at 8:54 PM, "'Carl' km1h@...
> > [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:
> >
> > Whats so hard determining the difference between my name and the email
> > provider? Put the bottle down.
> >

> > If all you check is audiophool sites then be prepared to pay more for old
> > style G ST glass tubes. A quick check shows the 5V4GA available for $9 NIB
> > from a dealer.
> >
> > National uses the 5V4 in many sets and Ive always found plenty under $5
> > from
> > non greed driven sources. Plus I repair a lot of DX-100, Viking I and II,
> > and others using that tube.
> >
> > BTW, that tube set was for a Viking II with a few mistakes but obviously
> > you
> > didnt really have the rig or tested the tubes so $30 is a crap
> > shoot....some
> > folks win at craps.
> >
> > ----- Original Message -----
> > From: <bcarling@...>
> > To: <heathkitnovicestations@yahoogroups.com>; <heathkit@...>;
> > <Heathkit-Radios@yahoogroups.com>;
> > <Heathkit-Radios-Moderated@yahoogroups.com>; <johnson@...>
> > Cc: <km1h@...>
> > Sent: Sunday, June 29, 2014 8:10 PM
> > Subject: RE: Set of Transmitter Tubes etc. etc.
> >
> >
> > Thanks - Carl (or Jeremy) may be correct about the line up of tubes being
> > incorrect for the
> > DX100 (my mistake) and the buyer has seen the list. But thank you for
> > pointing that out
> > anyway. They have been sold nonetheless.
> >
> > The 5V4 is also a very cheap tube as he has pointed out - one popular site
> > sells them for
> > $29.95 and another sells them for $19.95 so they are obviously desirable
> > to
> > someone.
> > Some of the used ones on eBay are going for $12, $39 and $69.00 each. Two
> > Mullard ones
> > will set you back $119.00 plus shipping.
> > So mine is not bad in the mix with these other ham transmitter tubes for
> > $30.00 total.
> >
> >
> >> On 29 Jun 2014 at 16:43, 'Carl' km1h@... wrote:
> >>
> >>
> >>
> >>
> >> That is not even close to a DX-100 tube line up and a 5V4 is far from
> >> scarce

> >>
> >> Carl
> >> KM1H
> >>
> >>
> >> ----- Original Message -----
> >> From: bcarling@... [heathkitnovicestations]
> >> To: heathkit@... ; heathkitnovicestations@yahoogroups.com
> >> ; Heathkit-
> >> Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ;
> >> johnson@...
> >> Sent: Sunday, June 29, 2014 2:17 PM
> >> Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc.
> >> etc.
> >>
> >>
> >> For Sale: Set of Transmitter Tubes
> >>
> >> Running (or restoring) a Heathkit DX100 ??
> >>
> >> These are from a working DX100 transmitter. Great for use as spares or
> >> replacements.
> >> All tested and working as described below
> >>
> >> Two RCA 807 tubes (one gassy one) - with plate caps
> >> Two RCA 6146 tubes
> >> One G.E. 5V4 rectifier (worth serious money)
> >> One RCA 5U4 Rectifier
> >> One Tung-sol 6AU6
> >> One RCA 6AU6
> >> Two G.E. 6AU6
> >> Two G.E. 6AQ5
> >> One G.E. 6AL5
> >> (I prefer not to sell these individually)
> >> You get all 13 tubes for $30.00 plus shipping.
> >>
> >> ALSO:
> >>
> >> Heathkit DX100 chassis with many small parts - $20.00 plus shipping
> >> (Two available.)
> >>
> >> Heathkit DX100 VFO assembly - $20.00 plus shipping
> >> (Two available.)
> >>
> >> ONE HV Choke from a DX100 or a Viking II - not sure as it is unmarked -
> >> $25.00 plus shipping
> >>
> >> ONE Plate Transformer from a Viking II Transmitter - $50.00 plus
> >> shipping.
> >>

> >> 73 & thanks for looking.
> >>
> >> Brian Carling, AF4K
> >>
> >>
> >>
> >>
> >>
> >> Brian Carling, Radio AF4K
> >>
> >> No virus found in this message.
> >> Checked by AVG - www.avg.com
> >> Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date:
> >> 06/29/14
> >
> >
> >
> >
> > -----
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2014.0.4592 / Virus Database: 3986/7766 - Release Date: 06/29/14
> >
> >
> >
> >
> > ------------------------------------
> > Posted by: "Carl" <km1h@...>
> > ------------------------------------
> >
> >
> > ------------------------------------
> >
> > Yahoo Groups Links
> >
> >
> >
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4592 / Virus Database: 3986/7766 - Release Date: 06/29/14
>
>
>
> ------------------------------------
> Posted by: "Carl" <km1h@...>
> ------------------------------------
>
>

> ---
>
> Yahoo Groups Links
>
>
>

Brian Carling, Radio AF4K

907. Re: [Johnson] [heathkitnovicestations] Re: Set of Transmitter Tubesetc. etc.

Yahoo group: heathkitnovicestations
Date: 2014-07-01 01:00:42 UTC
From: Carl
Topic: 907 Message: 907

Only an audiophool or tube peddler would suggest swapping a 5V4 for a 5AR4
without seriously looking at the specs and the equipment. OTOH a 5AR4 would
be a fine overkill swap for a much lower ratings 5V4.

Carl
KM1H

----- Original Message -----
From: <bcarling@...>
To: <heathkitnovicestations@yahoogroups.com>
Cc: <johnson@...>; <heathkit@...>;
<Heathkit-Radios@yahoogroups.com>
Sent: Monday, June 30, 2014 4:21 PM
Subject: Re: [Johnson] [heathkitnovicestations] Re: Set of Transmitter
Tubesetc. etc.

> That is correct Charles. Often guys will save money by substuting 5AR4 and
> 5V4 tubes for
> each other. You are right - they usually go for crazy prices.
>
> All the best
>
> On 6/29/2014 2010, bcarling@... wrote:
>>The 5V4 is also a very cheap tube as he has pointed out - one popular site
>>sells them for
> $29.95 and another sells them for $19.95 so they are obviously desirable
> to someone. Some
> of the used ones on eBay are going for $12, $39 and $69.00 each. Two
> Mullard ones will set
> you back $119.00 plus shipping. So mine is not bad in the mix with these
> other ham
> transmitter tubes for $30.00 total.
>
> The similar 5AR4 goes for crazy prices.
>
> --
> Charles Ring W3NU
>
>
>
> On 30 Jun 2014 at 12:33, someone wrote:
>
>> I call them informative posts meant so others dont get scammed by
>> misleading
>> low end sellers.
>>

>>
>> ----- Original Message -----
>> From: Brian Carling bcarling@... [heathkitnovicestations]
>> To: heathkitnovicestations@yahoogroups.com
>> Cc: <heathkit@...> ; <Heathkit-Radios@yahoogroups.com> ;
>> <Heathkit-Radios-Moderated@yahoogroups.com> ; <johnson@...>
>> Sent: Sunday, June 29, 2014 10:47 PM
>> Subject: Re: [heathkitnovicestations] Re: Set of Transmitter Tubes etc.
>> etc.
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>> Ah, yes as always you know so much... One might even take you for
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>> Back to plonking your rude posts.
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>> Best regards - Bry Carling
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>> > On Jun 29, 2014, at 8:54 PM, "'Carl' km1h@...
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>> > provider? Put the bottle down.
>> >
>> > If all you check is audiophool sites then be prepared to pay more for
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>> > style G ST glass tubes. A quick check shows the 5V4GA available for $9
>> > NIB
>> > from a dealer.
>> >
>> > National uses the 5V4 in many sets and Ive always found plenty under $5
>> > from
>> > non greed driven sources. Plus I repair a lot of DX-100, Viking I and
>> > II,
>> > and others using that tube.
>> >
>> > BTW, that tube set was for a Viking II with a few mistakes but
>> > obviously
>> > you
>> > didnt really have the rig or tested the tubes so $30 is a crap
>> > shoot....some
>> > folks win at craps.
>> >
>> > ----- Original Message -----
>> > From: <bcarling@...>
>> > To: <heathkitnovicestations@yahoogroups.com>;
>> > <heathkit@...>;
>> > <Heathkit-Radios@yahoogroups.com>;

>> > <Heathkit-Radios-Moderated@yahoogroups.com>; <johnson@...>
>> > Cc: <km1h@...>
>> > Sent: Sunday, June 29, 2014 8:10 PM
>> > Subject: RE: Set of Transmitter Tubes etc. etc.
>> >
>> >
>> > Thanks - Carl (or Jeremy) may be correct about the line up of tubes
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>> > incorrect for the
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>> > pointing that out
>> > anyway. They have been sold nonetheless.
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>> > Mullard ones
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>> > $30.00 total.
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>> >> On 29 Jun 2014 at 16:43, 'Carl' km1h@... wrote:
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>> >> scarce
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>> >> Carl
>> >> KM1H
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>> >>
>> >> ----- Original Message -----
>> >> From: bcarling@... [heathkitnovicestations]
>> >> To: heathkit@... ; heathkitnovicestations@yahoogroups.com
>> >> ; Heathkit-
>> >> Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ;
>> >> johnson@...
>> >> Sent: Sunday, June 29, 2014 2:17 PM
>> >> Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes etc.
>> >> etc.

>> >>
>> >>
>> >> For Sale: Set of Transmitter Tubes
>> >>
>> >> Running (or restoring) a Heathkit DX100 ??
>> >>
>> >> These are from a working DX100 transmitter. Great for use as spares or
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>> >> One RCA 5U4 Rectifier
>> >> One Tung-sol 6AU6
>> >> One RCA 6AU6
>> >> Two G.E. 6AU6
>> >> Two G.E. 6AQ5
>> >> One G.E. 6AL5
>> >> (I prefer not to sell these individually)
>> >> You get all 13 tubes for $30.00 plus shipping.
>> >>
>> >> ALSO:
>> >>
>> >> Heathkit DX100 chassis with many small parts - $20.00 plus shipping
>> >> (Two available.)
>> >>
>> >> Heathkit DX100 VFO assembly - $20.00 plus shipping
>> >> (Two available.)
>> >>
>> >> ONE HV Choke from a DX100 or a Viking II - not sure as it is
>> >> unmarked -
>> >> $25.00 plus shipping
>> >>
>> >> ONE Plate Transformer from a Viking II Transmitter - $50.00 plus
>> >> shipping.
>> >>
>> >> 73 & thanks for looking.
>> >>
>> >> Brian Carling, AF4K
>> >>
>> >>
>> >>
>> >>
>> >>
>> >> Brian Carling, Radio AF4K
>> >>
>> >> No virus found in this message.
>> >> Checked by AVG - www.avg.com
>> >> Version: 2014.0.4592 / Virus Database: 3986/7764 - Release Date:

>> >> 06/29/14
>> >
>> >
>> >
>> >
>> > -----
>> > No virus found in this message.
>> > Checked by AVG - www.avg.com
>> > Version: 2014.0.4592 / Virus Database: 3986/7766 - Release Date:
>> > 06/29/14
>> >
>> >
>> >
>> >
>> > ------------------------------------
>> > Posted by: "Carl" <km1h@...>
>> > ------------------------------------
>> >
>> >
>> > ------------------------------------
>> >
>> > Yahoo Groups Links
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>> >
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>>
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>>
>> ------------------------------------
>> Posted by: "Carl" <km1h@...>
>> ------------------------------------
>>
>>
>> ------------------------------------
>>
>> Yahoo Groups Links
>>
>>
>>
>
>
> Brian Carling, Radio AF4K
> _____
> Johnson mailing list
> Home: http://mailman.qth.net/mailman/listinfo/johnson

> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Johnson@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4592 / Virus Database: 3986/7770 - Release Date: 06/30/14
>

908. FS: Set of Transmitter Tubes... DX100?

Yahoo group: heathkitnovicestations
Date: 2014-07-09 19:30:13 UTC
From: bcarling@...
Topic: 908 Message: 908

For Sale: Set of Transmitter Tubes... I THINK these are for a Heathkit DX100.

In any event they are in a box marked as such. I know I probably got it wrong last time, but
these are then probably the correct ones, hi hi... Please no silly comments about how any of
them is "not rare" or "worthless" etc. These are good used tubes I have and they are priced reasonably enough.

They all test good unless otherwise indicated. The box contains:

1 X 6146 tested good
1 X 6146 missing plate cap but tests good
2 X 1625 tubes RCA
1 X 5U4GB Westinghouse
1 X 5U4 - RCA
1 X 5763
1 X 12BY7
1X 6AQ5
1 X 12AX7
1 X 6AL5

10 tubes in total - will sell for $25.00 plus shipping

73 and thanks for looking - Brian Carling, AF4K

Brian Carling, Radio AF4K

909. RE: Set of Transmitter Tubes... DX100?

Yahoo group: heathkitnovicestations
Date: 2014-07-09 19:49:01 UTC
From: bcarling@...
Topic: 908 Message: 909

Oh - there is also an OA2 tube.

On 9 Jul 2014 at 15:30, bcarling@....com [heathkit wrote:

>
>
>
> For Sale: Set of Transmitter Tubes... I THINK these are for a Heathkit DX100.
>
> In any event they are in a box marked as such. I know I probably got it wrong last time, but these
> are then probably the correct ones, hi hi... Please no silly comments about how any of them is "not
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> 10 tubes in total - will sell for $25.00 plus shipping
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> 73 and thanks for looking - Brian Carling, AF4K
>
>
>
>
>
> Brian Carling, Radio AF4K
>
>
>

910. Re: [Johnson] FS: Set of Transmitter Tubes... DX100?

Yahoo group: heathkitnovicestations
Date: 2014-07-09 20:07:09 UTC
From: Carl
Topic: 910 Message: 910
Attachments: 3 described; binary payloads are missing from this source WARC

Those 5U4's should be 5R4GY's or other variant. Audiophools always pay good for 5U4's so your buyer likely has a win-win event.

Carl
KM1H

----- Original Message -----
From: bcarling@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com ; Heathkit-Radios@yahoogroups.com ; Heathkit-Radios-Moderated@yahoogroups.com ; johnson@...
Sent: Wednesday, July 09, 2014 3:30 PM
Subject: [heathkitnovicestations] FS: Set of Transmitter Tubes... DX100?

For Sale: Set of Transmitter Tubes... I THINK these are for a Heathkit DX100.

In any event they are in a box marked as such. I know I probably got it wrong last time, but these are then probably the correct ones, hi hi... Please no silly comments about how any of them is "not rare" or "worthless" etc. These are good used tubes I have and they are priced reasonably enough.

They all test good unless otherwise indicated. The box contains:

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1 X 5U4 - RCA
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1 X 12BY7
1X 6AQ5
1 X 12AX7
1 X 6AL5

10 tubes in total - will sell for $25.00 plus shipping

73 and thanks for looking - Brian Carling, AF4K

Brian Carling, Radio AF4K

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4716 / Virus Database: 3986/7823 - Release Date: 07/09/14

----- Original Message -----
From: <bcarling@...>

To: <heathkitnovicestations@yahoogroups.com>;
<Heathkit-Radios@yahoogroups.com>;
<Heathkit-Radios-Moderated@yahoogroups.com>; <johnson@...>
Sent: Wednesday, July 09, 2014 3:30 PM
Subject: [Johnson] FS: Set of Transmitter Tubes... DX100?

> For Sale: Set of Transmitter Tubes... I THINK these are for a Heathkit
> DX100.
>
> In any event they are in a box marked as such. I know I probably got it
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> 10 tubes in total - will sell for $25.00 plus shipping
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> 73 and thanks for looking - Brian Carling, AF4K
>
>
>
>
>
> Brian Carling, Radio AF4K
> _____
> Johnson mailing list
> Home: http://mailman.qth.net/mailman/listinfo/johnson
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Johnson@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html
>
>
> -----

> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4716 / Virus Database: 3986/7823 - Release Date: 07/09/14
>

911. Re: [Heathkit-Radios-Moderated] RE: Set of Transmitter Tubes... DX100?

Yahoo group: heathkitnovicestations
Date: 2014-07-09 20:19:17 UTC
From: L L bahr
Topic: 908 Message: 911

Since they are good, Brian are you guaranteeing them to be good? Are they returnable?
Also, there is no such thing as a OA2 tube. They are 0A2.
Lee, w0vt

----- Original Message -----

From: "bcarling@cfl.rr.com [Heathkit-Radios-Moderated]"
<Heathkit-Radios-Moderated@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com, Heathkit-Radios@yahoogroups.com,
Heathkit-Radios-Moderated@yahoogroups.com, johnson@...t
Sent: Wednesday, July 9, 2014 2:49:01 PM
Subject: [Heathkit-Radios-Moderated] RE: Set of Transmitter Tubes... DX100?

Oh - there is also an OA2 tube.

On 9 Jul 2014 at 15:30, bcarling@... [heathkit wrote:

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> 73 and thanks for looking - Brian Carling, AF4K
>

>
>
>
>
> Brian Carling, Radio AF4K
>
>
>

912. Re: [HeathKit-Radios] Re: [Heathkit-Radios-Moderated] RE: Set of Transmitter Tubes... DX100?

Yahoo group: heathkitnovicestations
Date: 2014-07-09 20:24:58 UTC
From: L L bahr
Topic: 908 Message: 912

One last thing, there are no 5U4 tubes in a DX-100.

Lee, w0vt

----- Original Message -----

From: "'L L bahr ' pulsarxp@... [HeathKit-Radios]" <HeathKit-Radios@yahoogroups.com>
To: Heathkit-Radios-Moderated@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com, Heathkit-Radios@yahoogroups.com, johnson@...
Sent: Wednesday, July 9, 2014 3:19:17 PM
Subject: [HeathKit-Radios] Re: [Heathkit-Radios-Moderated] RE: Set of Transmitter Tubes... DX100?

Since they are good, Brian are you guaranteeing them to be good? Are they returnable?
Also, there is no such thing as a OA2 tube. They are 0A2.
Lee, w0vt

----- Original Message -----

From: "bcarling@... [Heathkit-Radios-Moderated]"
<Heathkit-Radios-Moderated@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com, Heathkit-Radios@yahoogroups.com,
Heathkit-Radios-Moderated@yahoogroups.com, johnson@...
Sent: Wednesday, July 9, 2014 2:49:01 PM
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>
> 1 X 6146 tested good
> 1 X 6146 missing plate cap but tests good

> 2 X 1625 tubes RCA
> 1 X 5U4GB Westinghouse
> 1 X 5U4 - RCA
> 1 X 5763
> 1 X 12BY7
> 1X 6AQ5
> 1 X 12AX7
> 1 X 6AL5
>
> 10 tubes in total - will sell for $25.00 plus shipping
>
> 73 and thanks for looking - Brian Carling, AF4K
>
>
>
>
>
> Brian Carling, Radio AF4K
>
>
>

913. Re: [heathkitnovicestations] Re: [HeathKit-Radios] Re: [Heathkit-Radios-Moderated] RE: Set of Transmitter Tubes... DX100?

Yahoo group: heathkitnovicestations
Date: 2014-07-09 22:01:12 UTC
From: Carl
Topic: 908 Message: 913

I woulda thunk he would at least be capable of some simple research before posting. The 5R4GY pair was for the HV.

Now comes a few days of whining....

Carl

----- Original Message -----
From: 'L L bahr ' pulsarxp@... [heathkitnovicestations]
To: HeathKit-Radios@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com ; johnson@... ; Heathkit-Radios-Moderated@yahoogroups.com
Sent: Wednesday, July 09, 2014 4:24 PM
Subject: [heathkitnovicestations] Re: [HeathKit-Radios] Re: [Heathkit-Radios-Moderated] RE: Set of Transmitter Tubes... DX100?

One last thing, there are no 5U4 tubes in a DX-100.

Lee, w0vt

From: "'L L bahr ' pulsarxp@... [HeathKit-Radios]" <HeathKit-Radios@yahoogroups.com>
To: Heathkit-Radios-Moderated@yahoogroups.com
Cc: heathkitnovicestations@yahoogroups.com, Heathkit-Radios@yahoogroups.com, johnson@...
Sent: Wednesday, July 9, 2014 3:19:17 PM
Subject: [HeathKit-Radios] Re: [Heathkit-Radios-Moderated] RE: Set of Transmitter Tubes... DX100?

Since they are good, Brian are you guaranteeing them to be good? Are they returnable? Also, there is no such thing as a OA2 tube. They are 0A2.
Lee, w0vt

From: "bcarling@... [Heathkit-Radios-Moderated]" <Heathkit-Radios-Moderated@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com, Heathkit-Radios@yahoogroups.com, Heathkit-Radios-Moderated@yahoogroups.com, johnson@...
Sent: Wednesday, July 9, 2014 2:49:01 PM
Subject: [Heathkit-Radios-Moderated] RE: Set of Transmitter Tubes... DX100?

Oh - there is also an OA2 tube.

On 9 Jul 2014 at 15:30, bcarling@... [heathkit wrote:

>
>

>
> For Sale: Set of Transmitter Tubes... I THINK these are for a Heathkit
> DX100.
>
> In any event they are in a box marked as such. I know I probably got it
> wrong last time, but these
> are then probably the correct ones, hi hi... Please no silly comments
> about how any of them is "not
> rare" or "worthless" etc. These are good used tubes I have and they are
> priced reasonably
> enough.
>
> They all test good unless otherwise indicated. The box contains:
>
> 1 X 6146 tested good
> 1 X 6146 missing plate cap but tests good
> 2 X 1625 tubes RCA
> 1 X 5U4GB Westinghouse
> 1 X 5U4 - RCA
> 1 X 5763
> 1 X 12BY7
> 1X 6AQ5
> 1 X 12AX7
> 1 X 6AL5
>
> 10 tubes in total - will sell for $25.00 plus shipping
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> 73 and thanks for looking - Brian Carling, AF4K
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>
>
> Brian Carling, Radio AF4K
>
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>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4716 / Virus Database: 3986/7823 - Release Date: 07/09/14

914. PARTS etc. FOR SALE

Yahoo group: heathkitnovicestations
Date: 2014-07-23 18:11:38 UTC
From: bcarling@...
Topic: 914 Message: 914

PARTS etc. FOR SALE

1) Barker and Williamson Coaxial Antenna Switch model 592 (two way) - excellent condition
QTY 1 available for $32.00 plus shipping

2) Sprague 8 uF at 1000V DC oil-filled capacitor. Tested and works fine, no leakage or other issues. Dimensions 3.75" X 1.25" X 5.25" tall
QTY 1 available for $6.00 plus shipping

3) Pair of ceramic octal sockets wired for 6146 tubes, an a small copper plated subchassis, with a nice 2.5 mH choke, ceramic feedthru etc. $5.00 plus shipping

4) - Box of 16 power resistors and bleeder resistors, Ohmite etc. mostly 25, 50 and 100 watt.
Examples: 100 ohms at 100 watts, 12K at 100 watts, 14K at 50 watts, 15K at 72 watts, 16K at 50 watts, 20K at 100 watts, 24K at 72 watts, 25K at 100 watts, etc. This is about 10% of list price:
Available - all 15 for $25.00 plus shipping

5) DX100 plate tank coil including extra 160m coil - $5.00

6) RFC - Plate choke from a Viking II transmitter - $5.00

7) Pair of 10K at 10 watts resistors, plus one 15K at 10 watts from DX100 - $4.00 for all 3.

8) Panel Meter from DX100 Transmitter - $10.00

9) Chassis for DX100 Transmitter - $20.00

10) VFO assembly for DX100 - $20.00

11) Transformer with secondary: 50V AC at 20 Amps. Like new, scientific grade, and in excellent condition.
Primary is 120V AC and this is a beautiful workhorse transformer. 4 hole mounting.
Dimensions: 7" X 6.5" X 4.5" tall.
QTY 1 available for $25.00 plus $15 for USA shipping

12) Pair of ceramic 807 sockets with mounting hardware - $5.00

13) Pair of ceramic plate caps for 807 tubes Millen - $4.00

14) Microphone socket for DX100 - 2-pin with hardware - $4.00

15) Group of capacitors - One Astron 0.1 uF at 600V DC, Two 0.05 at 1600V DC, One 0.0002 uF at 1200V and two electrolytics 40 uF at 450V DC. These are good tested used parts. The 0.1 and 0.05 ones have usable short leads - others normal. Also, one DX100 Fixed loading capacitor HV, switches in parallel to the loading variable capacitor.
Total of 7 capacitors for $6.00

16) New Silver mica 0.001 uF capacitors at 2500V DC. Available for $6.00 each while they last.

17) G.E. MASTR external speaker $5.00

18) G.E. mobile Power supply for two way radio - $5.00

19) Three black IERC tube shields, heat dissipating types, for 7 pin miniature tubes. $6.00 for all three.

20) HAL-TRONIX model HAL FC-600A frequency counter. Good working condition. BNC inputs and runs on 120V AC. I have no manual for this. Available for $15.00 plus shipping.

21) 6Y6G tube made by G.E. - QTY 1 available for $3.00

22) 811 Transmitting tube Penta Labs - looks new - $12.00

23) 5R4WGY tube new in box JAN type from Chatham Electronics - $5.00

24) 5T4 tube, new - $2.00

25) 6146 (S2001A) from Matsushita - looks new, like 6146 - $6.00

26) Mullard TDD2A gold tube new in box - $10.00

27) 3B28 rectifier tube - JAN - QTY 1 only for $4.00

Shipping additional on all the above. For additional details, pictures or questions, please e-mail me off the list.

73 & thanks for looking

Brian Carling, AF4K
Brian Carling, Radio AF4K

915. 67% OFF 160m CRYSTALS!

Yahoo group: heathkitnovicestations
Date: 2014-08-02 13:11:47 UTC
From: bcarling@...
Topic: 915 Message: 915

REDUCED PRICE: 160m hc6u (metal can) crystals -

This select group on sale for only $6.00 each.

Quantities shown as of 1 AUGUST 2014

FREQUENCY kHz - QUANTITY

1908.125 - 2
1916 - 1
1922 - 1
1932 - 5
1942 - 5
1944 - 3
1945 - 6

Shipping additional. (numerous other 160m - 2m frequencies available.)

Purchase on line at:

http://af4k.com/hc6ucrystals1500-1999khz.htm

73 - Bry Carling, AF4K

Brian Carling, Radio AF4K

916. ADDED: SEVERAL MORE 160m Crystals

Yahoo group: heathkitnovicestations
Date: 2014-08-07 12:13:07 UTC
From: bcarling@...
Topic: 916 Message: 916

It's Christmas in August!

We have ADDED SEVERAL MORE 160m hc6u Crystals to the BARGAIN PRICED list at:

http://af4k.com/hc6ucrystals1500-1999khz.htm

These are fill-sized original crystals. Some frequencies will have several available.

1800, 1880, 1955, 1994 kHz plus many more still available at only $5 each.

Including 1849, 1880, 1908.125, 1916, 1928, 1932, 1935, 1940, 1942, 1944, 1945, 1955, 1994 kHz etc.

73 de AF4K, Bry
Brian Carling, Radio AF4K

917. FS: Heathkit DX100 Chassis

Yahoo group: heathkitnovicestations
Date: 2014-08-07 12:21:31 UTC
From: bcarling@...
Topic: 917 Message: 917

FS: Heathkit DX100 Chassis

Excellent condition. Nice looking copper finish. Still has many small components.
Ideal foundation for homebrew or as a restoration project.

Available for $20.00 plus shipping

Please e-mail me off the list for details, pictures etc. or to arrange purchase.

73 de AF4K, Brian

Brian Carling, Radio AF4K

918. FS: RF transmitting type Silver Mica capacitors

Yahoo group: heathkitnovicestations
Date: 2014-08-12 20:52:36 UTC
From: bcarling@...
Topic: 918 Message: 918

FOR SALE:

Several RF transmitting type Silver Mica capacitors

Sangamo 0.001 uF at 2500V - Qty 8 at $6.00 each

Sangamo 0.002 uF at 2000V - Qty 6 at $4.00 each

Sangamo 50 pF at 2 KV - QTY 1 at $4.00 each

shipping additional (if it rings up as something outrageous for shipping,
go ahead and I will refund anything over $7.00 for USA priority shipment)

Buy now at:

http://www.af4k.com/capacitors.htm

More HV caps will be added soon.

73 - Bry, AF4K
Brian Carling, Radio AF4K

919. Re: [heathkitnovicestations] FS: RF transmitting type Silver Mica capacitors

Yahoo group: heathkitnovicestations
Date: 2014-08-13 01:37:43 UTC
From: Carl
Topic: 918 Message: 919

There is nothing silver in those caps, just plain mica and they should all be checked for leakage at close to their operating voltage as the seals dont last forever.

Carl
KM1H

----- Original Message -----
From: bcarling@... [heathkitnovicestations]
To: HAMtrade@yahoogroups.com ; heathkit@yahoogroups.com ; heath@... ; heathkit@... ; heathkitnovicestations@yahoogroups.com
Sent: Tuesday, August 12, 2014 4:52 PM
Subject: [heathkitnovicestations] FS: RF transmitting type Silver Mica capacitors

FOR SALE:

Several RF transmitting type Silver Mica capacitors

Sangamo 0.001 uF at 2500V - Qty 8 at $6.00 each

Sangamo 0.002 uF at 2000V - Qty 6 at $4.00 each

Sangamo 50 pF at 2 KV - QTY 1 at $4.00 each

shipping additional (if it rings up as something outrageous for shipping,
go ahead and I will refund anything over $7.00 for USA priority shipment)

Buy now at:

http://www.af4k.com/capacitors.htm

More HV caps will be added soon.

73 - Bry, AF4K
Brian Carling, Radio AF4K

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4716 / Virus Database: 4007/8019 - Release Date: 08/11/14

920. FS: ORIGINAL FT243 Ham Crystals

Yahoo group: heathkitnovicestations
Date: 2014-08-15 13:41:24 UTC
From: bcarling@...
Topic: 920 Message: 920

Selling:

ORIGINAL FT243 Amateur Band Crystals - $16.00 each.
(for those who prefer full sized quartz.) In most cases I have only one of these.

Examples:
1955, 3560, 3640, 3654, 3720, 3735, 3800, 3858, 3897 3995 kHz

7000, 7001.2, 7004.2, 7008.7, 7019.7, 7022, 7024.2, 7025 kHz
7033.8, 7043.7, 7048.3, 7050, 7053.4, 7075, 7100, 7125 kHz
7128, 7140, 7150, 7170, 7185, 7225, 7250, 7270, 7275 kHz
8375, 8400, 8425, 14213 kHz

Many others available for ordering directly at:
http://af4k.com/FT243_CRYSTALS_Originals.htm

When they are gone, they are gone. Suggestion is to buy more than one and save on shipping.

73 & thanks for looking - Bry Carling, AF4K

Brian Carling, Radio AF4K

921. FS: IRON Boatanchor items

Yahoo group: heathkitnovicestations
Date: 2014-08-16 12:16:59 UTC
From: bcarling@...
Topic: 921 Message: 921

For sale:

Heathkit DX100 driver transformer PN 51-23, excellent, tested $25.00

EF Johnson Viking 2 Plate Transformer - very clean, working - $45.00

EF Johnson Viking 2 Plate Choke, excellent - $35.00

EF Johnson Viking 2 - LV choke - $8.00

EF Johnson Viking 2 - BIAS choke - $5.00

EF Johnson Viking 2 HV Capacitor Sprague 8 uF at 1000V oil filled
with mounting hardware, excellent, tested - $5.00

Shipping additional.

Thanks & 73 de AF4K, Brian
Brian Carling, Radio AF4K

922. FS: 50 ohm Dummy Load 200 Watts

Yahoo group: heathkitnovicestations
Date: 2014-09-09 21:51:07 UTC
From: bcarling@...
Topic: 922 Message: 922

For sale: 50 ohm NON-INDUCTIVE RESISTORS, new.

Rated 200 watts RF continuous. Will accept 1500 watts easily for 10 seconds without burning out. Great for a homebrew dummy load for HF.

Dimensions: 8.75" long X 1.5" diameter / 222 mm X 38 mm
Solder terminals.

Available for $24.00 each plus shipping.

73 - Brian Carling, AF4K

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471
Brian Carling, Radio AF4K

923. Discounted Original FT243 Crystals

Yahoo group: heathkitnovicestations
Date: 2014-10-08 19:15:26 UTC
From: bcarling@...
Topic: 923 Message: 923

Discounted Original FT243 Crystals for the AMATEUR BANDS (mostly!)

The following ARE ALL Original FT243 crystals are offered at a discount price.
There are a few hc6u metal can one slisted and a couple of AX2 (Same pins as FT243.)

These are radio crystals etc. are useful for transmitting, experimenting, homebrewing and testing. Unless otherwise noted, they are all FT243 types -

- indicates more than one is currently avaiable

260 kHz hc6u - $5.00
455 kHz hc6u - $12.00
466 kHz hc6u - $12.00
905 kHz (AM BC Band) - $5.00
1400 kHz (AM BC Band) - $12.00
3715 kHz - $6.00
3735 kHz - $6.00
3742 kHz hc6u - $2.00 each
3797 kHz - $6.00
3937 kHz - $6.00
4000 kHz - $6.00
7000 kHz - $5.00 each
7100 kHz - $5.00 each
7140 kHz (15m AM) - $8.00
7173 kHz - $4.00
7250 kHz (40m/10m AM) - $5.00 each
7275 kHz (40m/10m AM) - $6.00 each
7300 kHz FT243 - $5.00 each
8000 kHz hc6u - $5.00 each
8000 kHz FT243 - $5.00 each
8375 kHz (6m) - $5.00 each
8400 kHz (6m) - $12.00
8425 kHz (6m) - $5.00 each
14.165 MHz - $5.00
14.210 MHz AX2 - $5.00
14.213 MHz AX2 - $5.00
14.213 MHz - $5.00
14.215 MHz - $5.00
14.229 MHz AX2 - $5.00
14.235 MHz - $5.00
14.247 MHz - $5.00
14.300 MHz - $5.00
14.301 MHz - $5.00
14.335 MHz - $5.00
16.133 MHz - $4.00
16.293 MHz - $4.00 each

Order via web page at:
http://af4k.com/FT243_CRYSTALS_Originals.htm

Many other amateur radio crystals are available at:
http://af4k.com/crystals.htm

73 & thanks for looking - Bry Carling, AF4K

Brian Carling, Radio AF4K

924. FS: More ORIGINAL FT243 Ham Crystals

Yahoo group: heathkitnovicestations
Date: 2014-10-19 11:41:36 UTC
From: bcarling@...
Topic: 924 Message: 924

FOR SALE:

While they last - these are all original, tested FT243 crystals.
Some have only one available; others may have several.
Unless otherwise mentioned, these are FT243 types.

For some applications, usaers p[refer fuol size, original FT243 quartz crystals, so here they
are, and these are just a selection of a few discounted ones that we offer for sale.

1000kHz hc6u - $10
1400 kHz hc6u - $16

160m:
1955 kHz - $10.00
1990 kHz - $16.00

80m:
3535 kHz AX2 $16.00
3552 kHz - $16.00
3595 kHz - $12.00
3635 kHz - $16.00
3642 kHz - $12.00
3805 kHz - $12.00
3810 kHz - $12.00
3820 kHz - $12.00
3838 kHz - $12.00
3855 kHz - $16.00
3866 kHz - $14.00

3995 kHz FT171B - $19.00

40m:
7002.9 kHz CR1A - $16.00
7010 kHz CR1A - $16.00
* CR1A sockets - $8.00 each
* FT243 sockets - $8.00 each

40m:
* 7000 kHz FT243 - $5.00
7025 kHz - $16.00
7040 kHz - $16.00
7050 kHz - $16.00
7075 kHz - $12.00
7100 kHz - $5.00
7125 kHz - $10.00
7150 kHz - $10.00

7173 kHz - $4.00
7175 kHz - $10.00
* 7183 kHz - $5.00

6m:
* 8375 kHz - $10.00
* 8400 kHz - $16.00
* 8425 kHz - $10.00
* 8450 kHz - $10.00

2m:
8025 kHz - $16.00

FT243 crystal sockets - $8.00 each
hc6u Crystal sockets - $3.00 each

Shipping additional

* = more than one available.

E-mail me to arrange purchase, or buy online here:
http://af4k.com/FT243_CRYSTALS_Originals.htm

There are also a few of the ones left from the Original crystals I posted last month, and of
course we have hundreds more listed here:

http://af4k.com/crystals.htm

73 & good DX - Brian Carling, AF4K

Brian Carling, Radio AF4K

925. FS: Antique Crystals

Yahoo group: heathkitnovicestations
Date: 2014-10-20 12:50:35 UTC
From: bcarling@...
Topic: 925 Message: 925

FOR SALE: Antique Crystals

Not on the web yet - e-mail me if you would like some of these please:

TYPE AA-1 Large 3-pin crystals Hervey Wells etc. -

3560 / 3572.5 kHz
3650 kHz / 4840 kHz
4950 kHz
8315 kHz

The above 4 crystals available for $10.00 each or $35.00 for all four
plus shipping

ALSO:
3-pins Type CR-15/U Large crystal on 93.12 kHz
Available for $5.00 plus shipping

ONE (only) three-pin socket for the above crystals - available for $6.00 plus shipping

ARC5 Crystals:
These are the large OCTAL plug-in rystals as used in ARC radio equipment
Made by General Electric
PN 7785 crystals
Quantity 3 of 2604 kHz - available for $12.00 each
ALSO Quantitiy 1 of 4600 kHz unbranded - available for $12.00
ALSO Quantitiy 1 of 6200 kHz by Western Electric - type DC-8-K
available for $12.00

Buy all 5 of the above ARC5 crystals for $25.00 plus shipping

Please contact me off the list.

Brian Carling, AF4K
Brian Carling, Radio AF4K

926. FS: Cable Lacing Cord

Yahoo group: heathkitnovicestations
Date: 2014-10-21 03:28:04 UTC
From: bcarling@...
Topic: 926 Message: 926

FOR SALE:

CABLE LACING CORD...

I have some spools of new old stock, traditional waxed lacing cord; only a few left. They are
rather heavy since there is 500 yards of lacing cord per spool. It ought to last a long time...

The ones I had before were 200 or 250 yards and sold for $12 each. I need $14 per spool for these ones. When inquiring, please give me your ZIP Code so that I can calculate the shipping. (Better price than Paragear and twice as much.)

Please e-mail me OFF the list.

73 - Brian "Bry" Carling, AF4K
Sanford, FL
Tel: +USA 321-262-5471

Brian Carling, Radio AF4K

927. FS: Rare Bliley CCO - 6AG7 Crystal Oscilator Module

Yahoo group: heathkitnovicestations
Date: 2014-11-03 17:46:31 UTC
From: bcarling@...
Topic: 927 Message: 927

FOR SALE:

Bliley CCO - "Crystal Controlled Oscillator" = 6AG7 Crystal Oscilator Module

Here is a Very Cool Commerically built 6AG7 tube oscillator - great for the heart of a homebrew transmitter. Rare antique rom hte 1950s - long since discontinued.

This is a Bliley Co. gadget uilt on a little chassis with terminals for power and RF out. On the
front there is a nice Ceramic Millen Co. style ceramic crystal socket suitaqble for FT243 crystals.

There is a switch for selecting ranges for use at 27 - 30 MHz or 46 - 54 MHz.
Intended for VHF but with the change of one coil at the poutput this can easily
become be an HF oscillator.

Neat looking gray painted chassis with terminal strip in rear for all connections.
Excellent condition. Comes with all documentation. Complete with the 6AG7, tube - tested nandeworking.

Available for $25.00 plus shipping.

Pictures and details here:

http://af4k.com/cco.htm

73 - Bry AF4K

Brian Carling, Radio AF4K

928. Novice Activity?

Yahoo group: heathkitnovicestations
Date: 2014-11-17 17:50:19 UTC
From: Bob Macklin
Topic: 697 Message: 928

There is some discussion on some of the other lists about starting some kind of Novice contest activity.

I have suggested getting some Novice nets going. There was an AMECO net but I don't know what happened to it.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

929. Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 20:37:19 UTC
From: Bob Macklin
Topic: 929 Message: 929

Is anyone still reading this group?

Bry Carling is trying to instigate a Novice Rig event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

930. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 20:38:18 UTC
From: Don Sanders
Topic: 929 Message: 930

Yes, I am here. But I don't have any old novice equipment anymore.
I would be available to possibly work stations with my qrp or other more
moden equipment.
I do miss my DX60B.

Dr. Don W4BWS

On Wed, Nov 19, 2014 at 3:37 PM, Bob Macklin macklinbob@...
[heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

>
>
> Is anyone still reading this group?
>
> Bry Carling is trying to instigate a Novice Rig event.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>
>

931. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 20:44:36 UTC
From: Bob Macklin
Topic: 929 Message: 931

Don,

The rules as of now allow modern equipment if output power is held 50W.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Don Sanders w4bws1@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 19, 2014 12:38 PM
Subject: Re: [heathkitnovicestations] Just Checking?

Yes, I am here. But I don't have any old novice equipment anymore.
I would be available to possibly work stations with my qrp or other more moden equipment.
I do miss my DX60B.

Dr. Don W4BWS

On Wed, Nov 19, 2014 at 3:37 PM, Bob Macklin macklinbob@... [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:

Is anyone still reading this group?

Bry Carling is trying to instigate a Novice Rig event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

932. RE: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 20:47:18 UTC
From: W8KZW
Topic: 929 Message: 932

I'm hanging in here, Bob.

It'll be awhile before I get my "starter" station(s) in line again:

Novice - Homebrew 6DQ6 / Hallicrafters S-107

Early General - DX-60A / Lafayette HA-350

For good measure - Ranger or Ranger II, HQ-110

Jeff
W8KZW
www.w8kzw.homestead.com

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com]
Sent: Wednesday, November 19, 2014 3:37 PM
To: Heath Novice Stations
Subject: [heathkitnovicestations] Just Checking?

Is anyone still reading this group?

Bry Carling is trying to instigate a Novice Rig event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

933. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 21:30:58 UTC
From: Bob Macklin
Topic: 929 Message: 933

I have an operational DX-60/HR-10.

I'm looking for a transmitter to use with My NC-109 or SX-111. But the SX-111 was not a novice receiver. But I also have a SX-110.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: 'W8KZW' w8kzw@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 19, 2014 12:47 PM
Subject: RE: [heathkitnovicestations] Just Checking?

I'm hanging in here, Bob.

It'll be awhile before I get my "starter" station(s) in line again:

Novice - Homebrew 6DQ6 / Hallicrafters S-107

Early General - DX-60A / Lafayette HA-350

For good measure - Ranger or Ranger II, HQ-110

Jeff
W8KZW
www.w8kzw.homestead.com

-----Original Message-----
From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com]
Sent: Wednesday, November 19, 2014 3:37 PM
To: Heath Novice Stations
Subject: [heathkitnovicestations] Just Checking?

Is anyone still reading this group?

Bry Carling is trying to instigate a Novice Rig event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

934. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 21:43:17 UTC
From: Don Sanders
Topic: 929 Message: 934

Good Bob, I just switch to battery power and I am at 50 watts.
The Ft840 Doesnot like less than 13.volts for full power.
So when on Batt it is less however most stations can hardly tell the decrease.
The other day I was at 10 watts , decreased to 5 then 2 amd still was RST 539
on 20 meters. On 40 5 watts from Ecuador to US is doable but marginal.
If condx are good I enjoy the qrp operating. Otherwise it is 50 to 100 watts on 40.

Dr. Don W4BWS

On Wed, Nov 19, 2014 at 3:44 PM, Bob Macklin macklinbob@...
[heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

>
>
> □
> Don,
>
> The rules as of now allow modern equipment if output power is held 50W.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> *From:* Don Sanders w4bws1@gmail.com [heathkitnovicestations]
> <w4bws1@...+[heathkitnovicestations]>
> *To:* heathkitnovicestations@yahoogroups.com
> *Sent:* Wednesday, November 19, 2014 12:38 PM
> *Subject:* Re: [heathkitnovicestations] Just Checking?
>
>
>
> Yes, I am here. But I don't have any old novice equipment anymore.
> I would be available to possibly work stations with my qrp or other more
> moden equipment.
> I do miss my DX60B.
>
> Dr. Don W4BWS
>
> On Wed, Nov 19, 2014 at 3:37 PM, Bob Macklin macklinbob@...
> [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

>
>>
>>
>> Is anyone still reading this group?
>>
>> Bry Carling is trying to instigate a Novice Rig event.
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>>
>>
>
>

935. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 22:21:53 UTC
From: Carl
Topic: 929 Message: 935

Does anyone on here have decent to excellent antennas to go with their low power?

I consider at least a tribander at 50' or more decent with wires off it for lower bands.

If I want to be frustrated I just go to 160 and try to dig signals out of the noise. Doing it on higher bands to hear someone a few states away doesnt excite me which might be the reason I soon moved to 15M as a Novice.

Carl
KM1H

----- Original Message -----
From: Don Sanders w4bws1@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 19, 2014 4:43 PM
Subject: Re: [heathkitnovicestations] Just Checking?

Good Bob, I just switch to battery power and I am at 50 watts.
The Ft840 Doesnot like less than 13.volts for full power.
So when on Batt it is less however most stations can hardly tell the decrease.
The other day I was at 10 watts , decreased to 5 then 2 amd still was RST 539
on 20 meters. On 40 5 watts from Ecuador to US is doable but marginal.
If condx are good I enjoy the qrp operating. Otherwise it is 50 to 100 watts on 40.

Dr. Don W4BWS

On Wed, Nov 19, 2014 at 3:44 PM, Bob Macklin macklinbob@... [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:

□

Don,

The rules as of now allow modern equipment if output power is held 50W.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Don Sanders w4bws1@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 19, 2014 12:38 PM
Subject: Re: [heathkitnovicestations] Just Checking?

Yes, I am here. But I don't have any old novice equipment anymore.
I would be available to possibly work stations with my qrp or other more moden equipment.
I do miss my DX60B.

Dr. Don W4BWS

On Wed, Nov 19, 2014 at 3:37 PM, Bob Macklin macklinbob@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

Is anyone still reading this group?

Bry Carling is trying to instigate a Novice Rig event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5577 / Virus Database: 4213/8595 - Release Date: 11/19/14

936. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 22:23:29 UTC
From: Richard AG5M
Topic: 929 Message: 936

I'm reading, but unfortunately don't see much.
Have Heathkit HW-16, DX-60B, HR-10B, etc.but need get them out of storage.
Richard AG5M

On Wed, 11/19/14, Bob Macklin macklinbob@msn.com [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:

Subject: [heathkitnovicestations] Just Checking?
To: "Heath Novice Stations" <heathkitnovicestations@yahoogroups.com>
Date: Wednesday, November 19, 2014, 12:37 PM
Is anyone still reading
this group?

Bry Carling is trying to
instigate a Novice Rig
event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

937. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 22:55:51 UTC
From: Bob Macklin
Topic: 929 Message: 937

Lately I only see CW activity here on contest days.

My main interest is 40M CW. I use the Reverse Beacon Network to see where the activity is.

What I am seeing the main activity is the East Coast and Midwest. There does not seem to be any West Coast activity except on contest days.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Richard AG5M ag5m@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 19, 2014 2:23 PM
Subject: Re: [heathkitnovicestations] Just Checking?

I'm reading, but unfortunately don't see much.
Have Heathkit HW-16, DX-60B, HR-10B, etc.but need get them out of storage.
Richard AG5M

On Wed, 11/19/14, Bob Macklin macklinbob@... [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:

Subject: [heathkitnovicestations] Just Checking?
To: "Heath Novice Stations" <heathkitnovicestations@yahoogroups.com>
Date: Wednesday, November 19, 2014, 12:37 PM
Is anyone still reading
this group?

Bry Carling is trying to
instigate a Novice Rig
event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

938. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 23:15:22 UTC
From: bcarling@...
Topic: 929 Message: 938
Attachments: 2 described; binary payloads are missing from this source WARC

Yes fellas - the NOVICE RIG ROUNDUP event will be held in February 2015

Full details to follow and hope to contact many of you!

73 - Bry Carling, AF4K in Sanford, FL

On 19 Nov 2014 at 14:55, Bob Macklin macklinbob@msn.co wrote:

Lately I only see CW activity here on contest days.

My main interest is 40M CW. I use the Reverse Beacon Network to see where the activity is.

What I am seeing the main activity is the East Coast and Midwest. There does not seem to be any West Coast activity except on contest days.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Richard AG5M ag5m@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 19, 2014 2:23 PM
Subject: Re: [heathkitnovicestations] Just Checking?

I'm reading, but unfortunately don't see much.
Have Heathkit HW-16, DX-60B, HR-10B, etc.but need get them out of storage.
Richard AG5M

On Wed, 11/19/14, Bob Macklin macklinbob@... [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:

Subject: [heathkitnovicestations] Just Checking?
To: "Heath Novice Stations" <heathkitnovicestations@yahoogroups.com>
Date: Wednesday, November 19, 2014, 12:37 PM
Is anyone still reading
this group?

Bry Carling is trying to
instigate a Novice Rig
event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

Brian Carling, Radio AF4K

939. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 23:02:29 UTC
From: L L bahr
Topic: 929 Message: 939

Yes, but I don't do anything involving Brian.

Lee, w0vt

----- Original Message -----

From: "Bob Macklin macklinbob@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: "Heath Novice Stations" <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, November 19, 2014 2:37:19 PM
Subject: [heathkitnovicestations] Just Checking?

Is anyone still reading this group?

Bry Carling is trying to instigate a Novice Rig event.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

940. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 23:37:43 UTC
From: Don Sanders
Topic: 929 Message: 940

Carl, I don't have a beam at 50 feet but I have horiz dipoles for 40 to 15
at 90 feet and 80 meter inv Vee apex at 70 feet.
Does that meet the criteria.

Dr. Don HC4/W4BWS

On Wed, Nov 19, 2014 at 5:21 PM, 'Carl' km1h@jeremy.qozzy.com
[heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

>
>
> □
> Does anyone on here have decent to excellent antennas to go with their low
> power?
>
> I consider at least a tribander at 50' or more decent with wires off it
> for lower bands.
>
> If I want to be frustrated I just go to 160 and try to dig signals out of
> the noise. Doing it on higher bands to hear someone a few states away
> doesnt excite me which might be the reason I soon moved to 15M as a Novice.
>
> Carl
> KM1H
>
>
>
> Posted by: "Carl" <km1h@...>
> ----------
> Reply via web post
> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/conversations/messages/935;_ylc=X3oDMTJwZ2w2ZWpyBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5MzUEc2VjA2Z0cgRzbGsDcnBseQRzdGltZQMxNDE2NDM1NDE0?act=reply&messageNum=935>
> • Reply to sender
> <km1h@...?subject=Re%3A%20%5Bheathkitnovicestations%5D%20Just%20Checking%3F>
> • Reply to group
> <heathkitnovicestations@yahoogroups.com?subject=Re%3A%20%5Bheathkitnovicestations%5D%20Just%20Checking%3F>
> • Start a New Topic
> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/conversations/newtopic;_ylc=X3oDMTJmbDZnOHJnBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjBHN0aW1lAzE0MTY0MzU0MTQ->
> • Messages in this topic
> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/conversations/topics/929;_ylc=X3oDMTMzZXE4YjdlBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5MzUEc2VjA2Z0cgR

zbGsDdnRwYwRzdGltZQMxNDE2NDM1NDE0BHRwY0lkAzkyOQ-->
> (7)
> Visit Your Group
> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/info;_ylc=X3oDMTJmZnBzcWFvBF9TAzk3MzU5NzE0BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0MTY0MzU0MTQ->
>
>
> [image: Yahoo! Groups]
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlY2xraTdnBF9TAzk3NDc2NTkwBGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQxNjQzNTQxNA-->
> • Privacy <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> Unsubscribe
> <heathkitnovicestations-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> • Terms of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>
> .
>
>
>

941. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 23:48:16 UTC
From: Bob Macklin
Topic: 929 Message: 941

I have a 40M/15M dipole at a about 40 feet. It's just below the ceiling of my "RETIREMENT CLOSET"!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Don Sanders w4bws1@gmail.com [heathkitnovicestations]
To: heathkitnovicestations@...m
Sent: Wednesday, November 19, 2014 3:37 PM
Subject: Re: [heathkitnovicestations] Just Checking?

Carl, I don't have a beam at 50 feet but I have horiz dipoles for 40 to 15 at 90 feet and 80 meter inv Vee apex at 70 feet.
Does that meet the criteria.

Dr. Don HC4/W4BWS

On Wed, Nov 19, 2014 at 5:21 PM, 'Carl' km1h@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

□

Does anyone on here have decent to excellent antennas to go with their low power?

I consider at least a tribander at 50' or more decent with wires off it for lower bands.

If I want to be frustrated I just go to 160 and try to dig signals out of the noise. Doing it on higher bands to hear someone a few states away doesnt excite me which might be the reason I soon moved to 15M as a Novice.

Carl
KM1H

Posted by: "Carl" <km1h@...>

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• Privacy • Unsubscribe • Terms of Use

.

942. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-19 23:53:59 UTC
From: Carl
Topic: 929 Message: 942

Most anything at those heights qualifies; Ive even made 5W CW QSO's with a homebrew T2FD with the top at 90' but its mostly used for SWL.

Carl
KM1H

----- Original Message -----
From: Don Sanders w4bws1@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Wednesday, November 19, 2014 6:37 PM
Subject: Re: [heathkitnovicestations] Just Checking?

Carl, I don't have a beam at 50 feet but I have horiz dipoles for 40 to 15 at 90 feet and 80 meter inv Vee apex at 70 feet.
Does that meet the criteria.

Dr. Don HC4/W4BWS

On Wed, Nov 19, 2014 at 5:21 PM, 'Carl' km1h@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

□

Does anyone on here have decent to excellent antennas to go with their low power?

I consider at least a tribander at 50' or more decent with wires off it for lower bands.

If I want to be frustrated I just go to 160 and try to dig signals out of the noise. Doing it on higher bands to hear someone a few states away doesnt excite me which might be the reason I soon moved to 15M as a Novice.

Carl
KM1H

Posted by: "Carl" <km1h@jeremy.qozzy.com>

Reply via web post • Reply to sender • Reply to group • Start a New Topic • Messages in this topic (7)

Visit Your Group
• Privacy • Unsubscribe • Terms of Use

.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5577 / Virus Database: 4213/8595 - Release Date: 11/19/14

943. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-20 00:46:14 UTC
From: Jon Schumacher
Topic: 929 Message: 943

Still here and monitoring for Heathkit stuff. Tnx, bob.

Jon K1NV

On 11/19/2014 12:37 PM, Bob Macklin macklinbob@...
[heathkitnovicestations] wrote:
>
> Is anyone still reading this group?
>

944. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-20 03:17:21 UTC
From: Greg Pietrucha
Topic: 929 Message: 944

Yes W7HRC

On Wednesday, November 19, 2014 12:35 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

<!--#yiv6316199944 #yiv6316199944 .yiv6316199944ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6316199944 div.yiv6316199944ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6316199944 div.yiv6316199944photo-title a, #yiv6316199944 div.yiv6316199944photo-title a:active, #yiv6316199944 div.yiv6316199944photo-title a:hover, #yiv6316199944 div.yiv6316199944photo-title a:visited {text-decoration:none;}#yiv6316199944 div.yiv6316199944attach-table div.yiv6316199944attach-row {clear:both;}#yiv6316199944 div.yiv6316199944attach-table div.yiv6316199944attach-row div {float:left;}#yiv6316199944 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6316199944 div.yiv6316199944ygrp-file {width:30px;}#yiv6316199944 div.yiv6316199944attach-table div.yiv6316199944attach-row div div a {text-decoration:none;}#yiv6316199944 div.yiv6316199944attach-table div.yiv6316199944attach-row div div span {font-weight:normal;}#yiv6316199944 div.yiv6316199944ygrp-file-title {font-weight:bold;}#yiv6316199944 -->

Is anyone still reading this group? Bry Carling is trying to instigate a Novice Rig event. Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

945. Re: [heathkitnovicestations] Just Checking?

Yahoo group: heathkitnovicestations
Date: 2014-11-20 03:17:50 UTC
From: Greg Pietrucha
Topic: 929 Message: 945

Yes W7HRC

On Wednesday, November 19, 2014 7:17 PM, Greg Pietrucha <gregpie1@...> wrote:

Yes W7HRC

On Wednesday, November 19, 2014 12:35 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

#yiv7634382788 #yiv7634382788 -- .yiv7634382788ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7634382788 div.yiv7634382788ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7634382788 div.yiv7634382788photo-title a, #yiv7634382788 div.yiv7634382788photo-title a:active, #yiv7634382788 div.yiv7634382788photo-title a:hover, #yiv7634382788 div.yiv7634382788photo-title a:visited {text-decoration:none;}#yiv7634382788 div.yiv7634382788attach-table div.yiv7634382788attach-row {clear:both;}#yiv7634382788 div.yiv7634382788attach-table div.yiv7634382788attach-row div {float:left;}#yiv7634382788 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7634382788 div.yiv7634382788ygrp-file {width:30px;}#yiv7634382788 div.yiv7634382788attach-table div.yiv7634382788attach-row div div a {text-decoration:none;}#yiv7634382788 div.yiv7634382788attach-table div.yiv7634382788attach-row div div span {font-weight:normal;}#yiv7634382788 div.yiv7634382788ygrp-file-title {font-weight:bold;}#yiv7634382788

Is anyone still reading this group? Bry Carling is trying to instigate a Novice Rig event. Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

946. Novice Rig Roundup

Yahoo group: heathkitnovicestations
Date: 2014-11-25 22:56:09 UTC
From: bcarling@...
Topic: 946 Message: 946

Novice Rig Roundup

For those interested in sharing ideas and getting ready for the NRR in February there is now a Facebook group. Some folks have posted cool pictures of the rigs they plan to use there. Everyone is welcome to jump in. A huge thanks to WD4NKA for starting the group.

https://www.facebook.com/groups/624239621035186/

73 de AF4K

Brian Carling, Radio AF4K

947. HAM XTALS: Cyber Monday comes early

Yahoo group: heathkitnovicestations
Date: 2014-11-29 11:05:53 UTC
From: bcarling@...
Topic: 947 Message: 947

For Sale: Amateur Band Crystal Deals for CYBER MONDAY.
Beginning now through Midnight DEC 1 we have amateur band
FT243 and hc49 crystals for sale from $3.00 to $7.00 each.
Some hc6u as low as $2.00 each.

These are primarily 80m and 40m band crystals.

http://af4k.com/CyberMondaySpecials.htm

See you on the air! 73 de AF4K, "Bry"
Brian Carling, Radio AF4K

948. Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-11 22:26:26 UTC
From: Bob Macklin
Topic: 948 Message: 948

There is a Facebook page for the Novice Rig Roundup:

https://www.facebook.com/groups/624239621035186/

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

949. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-12 12:09:29 UTC
From: bcarling@...
Topic: 948 Message: 949
Attachments: 2 described; binary payloads are missing from this source WARC

Yes, some great discussions there on Facebook - pictures, reminiscences etc. that someone may enjoy.

Also see:

http://NoviceRigRoundup.com

Bry Carling
AF4K
Near ORLANDO, FL

"Keep smiling"

On 11 Dec 2014 at 14:26, Bob Macklin macklinbob@... wrote:

There is a Facebook page for the Novice Rig Roundup:

https://www.facebook.com/groups/624239621035186/

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

Brian Carling, Radio AF4K

950. RE: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-12 18:24:23 UTC
From: JAMES HANLON
Topic: 948 Message: 950

Bry,

I could not read either of the attachments to your message. Perhaps you could resend them in another, more common format?

Also, how about suggesting a distinctive CQ call for this event, like perhaps "CQ NRR?" It would help folks working the event to find one another.

Jim Hanlon, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Fri, 12 Dec 2014 07:09:29 -0500
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

Yes, some great discussions there on Facebook - pictures, reminiscences etc. that someone may enjoy.

Also see:

http://NoviceRigRoundup.com

Bry Carling
AF4K
Near ORLANDO, FL

"Keep smiling"

On 11 Dec 2014 at 14:26, Bob Macklin macklinbob@... wrote:

There is a Facebook page for the Novice Rig Roundup:

https://www.facebook.com/groups/624239621035186/

Bob Macklin

K5MYJ

Seattle, Wa.

"Real Radios Glow In The Dark"

Brian Carling, Radio AF4K

951. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-12 18:33:36 UTC
From: Bob Macklin
Topic: 948 Message: 951

Jim,

We are having discussions about this on FaceBook.

https://www.facebook.com/groups/624239621035186/

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: JAMES HANLON knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations
Sent: Friday, December 12, 2014 10:24 AM
Subject: RE: [heathkitnovicestations] Novice Rig Roundup!

Bry,

I could not read either of the attachments to your message. Perhaps you could resend them in another, more common format?

Also, how about suggesting a distinctive CQ call for this event, like perhaps "CQ NRR?" It would help folks working the event to find one another.

Jim Hanlon, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Fri, 12 Dec 2014 07:09:29 -0500
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

Yes, some great discussions there on Facebook - pictures, reminiscences etc. that someone may enjoy.

Also see:

http://NoviceRigRoundup.com

Bry Carling
AF4K
Near ORLANDO, FL

"Keep smiling"

On 11 Dec 2014 at 14:26, Bob Macklin macklinbob@... wrote:

There is a Facebook page for the Novice Rig Roundup:

https://www.facebook.com/groups/624239621035186/

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

Brian Carling, Radio AF4K

952. RE: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-12 18:40:35 UTC
From: JAMES HANLON
Topic: 948 Message: 952

Bob,

Thanks. Unfortunately I don't use Facebook, so I'll just leave it to you folks who do.

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Fri, 12 Dec 2014 10:33:36 -0800
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

Jim,

We are having discussions about this on
FaceBook.

https://www.facebook.com/groups/624239621035186/

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

----- Original Message -----
From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent: Friday, December 12, 2014 10:24
AM
Subject: RE: [heathkitnovicestations]
Novice Rig Roundup!

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I could not read either of the attachments to
your message. Perhaps you could resend them in another, more common
format?

Also, how about suggesting a distinctive CQ call for this
event, like perhaps "CQ NRR?" It would help folks working the event to
find one another.

Jim Hanlon, W8KGI

To: heathkitnovicestations@yahoogroups.com
From:
heathkitnovicestations@yahoogroups.com
Date:
Fri, 12 Dec 2014 07:09:29 -0500
Subject: Re: [heathkitnovicestations]
Novice Rig Roundup!

Yes,
some great discussions there on Facebook - pictures, reminiscences etc. that

someone
may enjoy.

Also
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http://NoviceRigRoundup.com

Bry
Carling
AF4K
Near
ORLANDO, FL

"Keep
smiling"

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Dec 2014 at 14:26, Bob Macklin macklinbob@... wrote:

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Bob
Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The
Dark"

Brian
Carling, Radio AF4K

953. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-12 18:55:11 UTC
From: Brian Carling
Topic: 948 Message: 953

Jim

You are also welcome to follow the development with updates and information here:

http://NoviceRigRoundup.com

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471

> On Dec 12, 2014, at 1:40 PM, JAMES HANLON knjhanlon@... [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:
>
>
>
> Bob,
>
> Thanks. Unfortunately I don't use Facebook, so I'll just leave it to you folks who do.
>
> Jim
>
> To: heathkitnovicestations@yahoogroups.com
> From: heathkitnovicestations@yahoogroups.com
> Date: Fri, 12 Dec 2014 10:33:36 -0800
> Subject: Re: [heathkitnovicestations] Novice Rig Roundup!
>
> Jim,
>
> We are having discussions about this on FaceBook.
>
> https://www.facebook.com/groups/624239621035186/
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: JAMES HANLON knjhanlon@... [heathkitnovicestations]
> To: heathkitnovicestations
> Sent: Friday, December 12, 2014 10:24 AM
> Subject: RE: [heathkitnovicestations] Novice Rig Roundup!
>
>

> Bry,
>
> I could not read either of the attachments to your message. Perhaps you could resend them in another, more common format?
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> Also, how about suggesting a distinctive CQ call for this event, like perhaps "CQ NRR?" It would help folks working the event to find one another.
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> Jim Hanlon, W8KGI
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> To: heathkitnovicestations@yahoogroups.com
> From: heathkitnovicestations@yahoogroups.com
> Date: Fri, 12 Dec 2014 07:09:29 -0500
> Subject: Re: [heathkitnovicestations] Novice Rig Roundup!
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>
> Yes, some great discussions there on Facebook - pictures, reminiscences etc. that
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> Also see:
>
> http://NoviceRigRoundup.com
>
> Bry Carling
> AF4K
> Near ORLANDO, FL
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> "Keep smiling"
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> On 11 Dec 2014 at 14:26, Bob Macklin macklinbob@... wrote:
>
>
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>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>
> Brian Carling, Radio AF4K
>
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954. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-12 19:05:13 UTC
From: Brian Carling
Topic: 948 Message: 954

Great suggestion thank you I will put that in as our standard CQ call.

I did not send any attachments so I'm not sure what you mean by that?

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471

> On Dec 12, 2014, at 1:24 PM, JAMES HANLON knjhanlon@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:
>
>
>
> Bry,
>
> I could not read either of the attachments to your message. Perhaps you could resend them in another, more common format?
>
> Also, how about suggesting a distinctive CQ call for this event, like perhaps "CQ NRR?" It would help folks working the event to find one another.
>
> Jim Hanlon, W8KGI
>
> To: heathkitnovicestations@yahoogroups.com
> From: heathkitnovicestations@yahoogroups.com
> Date: Fri, 12 Dec 2014 07:09:29 -0500
> Subject: Re: [heathkitnovicestations] Novice Rig Roundup!
>
> Yes, some great discussions there on Facebook - pictures, reminiscences etc. that
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>
> Also see:
>
> http://NoviceRigRoundup.com
>
> Bry Carling
> AF4K
> Near ORLANDO, FL
>
> "Keep smiling"
>
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> On 11 Dec 2014 at 14:26, Bob Macklin macklinbob@... wrote:

>
>
>
> There is a Facebook page for the Novice Rig Roundup:
>
> https://www.facebook.com/groups/624239621035186/
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>
> Brian Carling, Radio AF4K
>
>
>
>

955. Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-21 23:46:40 UTC
From: Bob Macklin
Topic: 948 Message: 955

Bry Carling has started a Novice Rig Contest event. There is a discussion going on Facebook:

https://www.facebook.com/groups/624239621035186/

I have been hoping this would turn into regular Novice style activity. Slow CW for beginners. I'm pushing for operation in what is left of the old Novice segment. 7100-7125. SKCC already uses 7114 for beginners.

I'd like to see the old Heathkit Novice rigs get back to work.

It has been quite here in the PNW.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

956. Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-29 22:43:01 UTC
From: Bob Macklin
Topic: 948 Message: 956

There is a group of people trying to get Classic Novice Radio operation going again.

Dig out your Heahtkit Novice radios (AT-1, DX-20, DX-35, DX-40, and DX-60) and whatever receiver you have and join us:

http://novicerigroundup.com/
https://www.facebook.com/groups/624239621035186/
https://groups.yahoo.com/neo/groups/novicerigroundup/info

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

957. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-29 23:50:16 UTC
From: Glen Zook
Topic: 948 Message: 957

And Globe Chief, Globe Scout, Johnson Adventurer, Eico 720, Eico 723, Ameco AC-1, Knight T-50, Knight T-60, and a whole lot of other transmitters! Glen, K9STH

Website: http://k9sth.net
From: "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@...m>
To: heathkit@yahoogroups.com; Heath Novice Stations <heathkitnovicestations@yahoogroups.com>
Sent: Monday, December 29, 2014 4:43 PM
Subject: [heathkitnovicestations] Novice Rig Roundup!

There is a group of people trying to get Classic Novice Radio operation going again. Dig out your Heahtkit Novice radios (AT-1, DX-20, DX-35, DX-40, and DX-60) and whatever receiver you have and join us:

958. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 00:29:03 UTC
From: Bob Macklin
Topic: 948 Message: 958

Glen,

Are you going to join in on this stuff. Some of us are in a second childhood! These radios have more personality than modern RICEBOXES!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Glen Zook gzook@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com ; heathkit@yahoogroups.com
Sent: Monday, December 29, 2014 3:50 PM
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

And Globe Chief, Globe Scout, Johnson Adventurer, Eico 720, Eico 723, Ameco AC-1, Knight T-50, Knight T-60, and a whole lot of other transmitters!

Glen, K9STH

Website: http://k9sth.net

From: "Bob Macklin macklinbob@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: heathkit@yahoogroups.com; Heath Novice Stations
<heathkitnovicestations@yahoogroups.com>
Sent: Monday, December 29, 2014 4:43 PM
Subject: [heathkitnovicestations] Novice Rig Roundup!

There is a group of people trying to get Classic Novice Radio operation going again.

Dig out your Heahtkit Novice radios (AT-1, DX-20, DX-35, DX-40, and DX-60) and whatever receiver you have and join us:

959. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 01:16:08 UTC
From: Glen Zook
Topic: 948 Message: 959

I plan on using my original Novice Station equipment from May 1959 until October 1959, a Globe Chief 90A transmitter and a Hallicrafters S-107. Well, not "the" original equipment but my re-creation from a number of years ago. Glen, K9STH

Website: http://k9sth.net
From: "Bob Macklin macklinbob@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com
Sent: Monday, December 29, 2014 6:29 PM
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

☐Glen, Are you going to join in on this stuff. Some of us are in a second childhood! These radios have more personality than modern RICEBOXES!

960. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 18:37:01 UTC
From: Richard AG5M
Topic: 948 Message: 960

Reading the mail you all are getting me excited to dig out my Knight T-60 and Heath HR-10B, DX-60B HG-10B, and/or HW-16 to join in. You are SO right, much more personality than a rice box. Richard, AG5M, Richland, WA

On Mon, 12/29/14, Bob Macklin macklinbob@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

Subject: Re: [heathkitnovicestations] Novice Rig Roundup!
To: heathkitnovicestations@yahoogroups.com
Date: Monday, December 29, 2014, 4:29 PM

Glen,

Are you going to join in on this stuff.
Some of us are in a
second childhood! These radios have more personality than
modern
RICEBOXES!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios
Glow In
The Dark"

961. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 18:46:11 UTC
From: <w7dra@...>
Topic: 948 Message: 961

wjth vintage gear strange things happen, not expected, like you turn it on and it nothing ..... happens.

try that with a FT1000 MKVVII with 6 roofing filters

mike w7dra

well, it worked the last time i turned it on (1987)

The #1 Worst Carb Ever?
Click to Learn #1 Carb that Kills Your Blood Sugar (Don't Eat This!)
http://thirdpartyoffers.juno.com/TGL3141/54a2f3484512873485d07st01vuc

962. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 18:48:48 UTC
From: Bob Macklin
Topic: 948 Message: 962

Hi Richard,

Please do get them out.

I became discouraged because I did not hear much here in the Seattle area except on contest days.

I'd really like to see some regular 40M evening activity here in the PNW. I have used my DX-60/HR-10 here locally. But only locally.

Maybe we could get some West Coast activity started.

24/7 Cable TV has turned to CRAP. It's the same crap over and over. Now's the time to play with radios!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Richard AG5M ag5m@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, December 30, 2014 10:37 AM
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

Reading the mail you all are getting me excited to dig out my Knight T-60 and Heath HR-10B, DX-60B HG-10B, and/or HW-16 to join in. You are SO right, much more personality than a rice box. Richard, AG5M, Richland, WA

On Mon, 12/29/14, Bob Macklin macklinbob@... [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:

Subject: Re: [heathkitnovicestations] Novice Rig Roundup!
To: heathkitnovicestations@yahoogroups.com
Date: Monday, December 29, 2014, 4:29 PM

Glen,

Are you going to join in on this stuff.
Some of us are in a
second childhood! These radios have more personality than
modern
RICEBOXES!

Bob Macklin
K5MYJ
Seattle, Wa.

"Real Radios
Glow In
The Dark"

963. HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2014-12-30 19:02:53 UTC
From: JAMES HANLON
Topic: 963 Message: 963

Guys,

First off, for the NRR I'm planning on using my reconstructed novice transmitter, a 6AG7/6146 rig from when I was Wn4VIV in 1952 and my original novice receiver, an HRO-50.

But I'm having a problem with an HR-10 receiver. I'd like to pair it with a DX-60 and take them to the Albuquerque Hamfest next august to show off a vintage AM station. The DX-60 works fine, but the HR-10 is quite deaf. It does receive, but minimum discernible signals are somewhere around 100 microvolt where I would expect them to be more nearly around 1 microvolt. All of the tubes test good, and the B+ levels on all plates and screen grids are reasonable. DC resistance measurements on the IF transformers show the windings to be ok, and they all peak as they should upon alignment. DC resistance measurements on the RF and Mixer coils are also OK.

Any suggestions? I'd really like to get this HR-10 on the air with its DX-60 buddy.

Thanks,

Jim, W8KGI

964. Re: [heathkitnovicestations] HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2014-12-30 19:06:49 UTC
From: Bob Macklin
Topic: 963 Message: 964

Are you testing this HR-10 in AM mode or CW mode?

What band are you trying to use?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: JAMES HANLON knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations
Sent: Tuesday, December 30, 2014 11:02 AM
Subject: [heathkitnovicestations] HR-10 problem

Guys,

First off, for the NRR I'm planning on using my reconstructed novice transmitter, a 6AG7/6146 rig from when I was Wn4VIV in 1952 and my original novice receiver, an HRO-50.

But I'm having a problem with an HR-10 receiver. I'd like to pair it with a DX-60 and take them to the Albuquerque Hamfest next august to show off a vintage AM station. The DX-60 works fine, but the HR-10 is quite deaf. It does receive, but minimum discernible signals are somewhere around 100 microvolt where I would expect them to be more nearly around 1 microvolt. All of the tubes test good, and the B+ levels on all plates and screen grids are reasonable. DC resistance measurements on the IF transformers show the windings to be ok, and they all peak as they should upon alignment. DC resistance measurements on the RF and Mixer coils are also OK.

Any suggestions? I'd really like to get this HR-10 on the air with its DX-60 buddy.

Thanks,

Jim, W8KGI

965. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 19:14:48 UTC
From: <w7dra@...>
Topic: 948 Message: 965
Attachments: 3 described; binary payloads are missing from this source WARC

my RAL-7 again gave up the ghost, so i have the hw16/hg10 up including the multiband antenna (OCF dipole), was thinking of giving 40 a try again during cat combing time (0600z)

mike w7dra

On Tue, 30 Dec 2014 10:48:48 -0800 "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

Hi Richard,

Please do get them out.

I became discouraged because I did not hear much here in the Seattle area except on contest days.

I'd really like to see some regular 40M evening activity here in the PNW. I have used my DX-60/HR-10 here locally. But only locally.

Maybe we could get some West Coast activity started.

24/7 Cable TV has turned to CRAP. It's the same crap over and over. Now's the time to play with radios!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Richard AG5M ag5m@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, December 30, 2014 10:37 AM
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

Reading the mail you all are getting me excited to dig out my Knight T-60 and Heath HR-10B, DX-60B HG-10B, and/or HW-16 to join in. You are SO right, much more personality than a rice box. Richard, AG5M, Richland, WA

On Mon, 12/29/14, Bob Macklin macklinbob@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

Subject: Re: [heathkitnovicestations] Novice Rig Roundup!
To: heathkitnovicestations@yahoogroups.com
Date: Monday, December 29, 2014, 4:29 PM

Glen,

Are you going to join in on this stuff.
Some of us are in a
second childhood! These radios have more personality than
modern
RICEBOXES!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios
Glow In
The Dark"

_____
Fast, Secure, NetZero 4G Mobile Broadband. Try it.
http://www.netzero.net/?refcd=NZINTISP0512T4GOUT2

966. Re: [heathkitnovicestations] HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2014-12-30 20:42:31 UTC
From: Brian Carling
Topic: 963 Message: 966

Do you have a signal generator and oscilloscope? If so I would try tracing the signal through the RF stages and I have stages to see where it is disappearing.

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471

> On Dec 30, 2014, at 2:02 PM, JAMES HANLON knjhanlon@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:
>
>
>
> Guys,
>
> First off, for the NRR I'm planning on using my reconstructed novice transmitter, a 6AG7/6146 rig from when I was Wn4VIV in 1952 and my original novice receiver, an HRO-50.
>
> But I'm having a problem with an HR-10 receiver. I'd like to pair it with a DX-60 and take them to the Albuquerque Hamfest next august to show off a vintage AM station. The DX-60 works fine, but the HR-10 is quite deaf. It does receive, but minimum discernible signals are somewhere around 100 microvolt where I would expect them to be more nearly around 1 microvolt. All of the tubes test good, and the B+ levels on all plates and screen grids are reasonable. DC resistance measurements on the IF transformers show the windings to be ok, and they all peak as they should upon alignment. DC resistance measurements on the RF and Mixer coils are also OK.
>
> Any suggestions? I'd really like to get this HR-10 on the air with its DX-60 buddy.
>
> Thanks,
>
> Jim, W8KGI
>
>
>

967. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 20:43:49 UTC
From: Brian Carling
Topic: 948 Message: 967

So much fun. Let me know how you get along with the T 60 please. Mine has a lot of sharp and I have to check the resistors that affect the voltage going to the oscillator. The plate voltage to the office later changes quite a bit from 350 V with no key down to 220 V when the key is closed.

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471

> On Dec 30, 2014, at 1:37 PM, Richard AG5M ag5m@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:
>
> Reading the mail you all are getting me excited to dig out my Knight T-60 and Heath HR-10B, DX-60B HG-10B, and/or HW-16 to join in. You are SO right, much more personality than a rice box. Richard, AG5M, Richland, WA
>
> ---
> On Mon, 12/29/14, Bob Macklin macklinbob@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:
>
> Subject: Re: [heathkitnovicestations] Novice Rig Roundup!
> To: heathkitnovicestations@yahoogroups.com
> Date: Monday, December 29, 2014, 4:29 PM
>
> Glen,
>
> Are you going to join in on this stuff.
> Some of us are in a
> second childhood! These radios have more personality than
> modern
> RICEBOXES!
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios
> Glow In
> The Dark"
>
>
> ---
> Posted by: Richard AG5M <ag5m@...>
> ---

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> ------------------------------------
>
> Yahoo Groups Links
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>
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968. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 20:48:43 UTC
From: Carl
Topic: 948 Message: 968
Attachments: 2 described; binary payloads are missing from this source WARC

FIX IT! About the only thing they need is to be recapped.

Carl
KM1H

From: w7dra@... [heathkitnovicestations]
Sent: Tuesday, December 30, 2014 2:14 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

my RAL-7 again gave up the ghost, so i have the hw16/hg10 up including the multiband antenna (OCF dipole), was thinking of giving 40 a try again during cat combing time (0600z)

mike w7dra

On Tue, 30 Dec 2014 10:48:48 -0800 "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

Hi Richard,

Please do get them out.

I became discouraged because I did not hear much here in the Seattle area except on contest days.

I'd really like to see some regular 40M evening activity here in the PNW. I have used my DX-60/HR-10 here locally. But only locally.

Maybe we could get some West Coast activity started.

24/7 Cable TV has turned to CRAP. It's the same crap over and over. Now's the time to play with radios!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Richard AG5M ag5m@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, December 30, 2014 10:37 AM
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

Reading the mail you all are getting me excited to dig out my Knight T-60 and Heath HR-10B, DX-60B HG-10B, and/or HW-16 to join in. You are SO right, much more personality than a rice box. Richard, AG5M, Richland, WA

On Mon, 12/29/14, Bob Macklin macklinbob@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

Subject: Re: [heathkitnovicestations] Novice Rig Roundup!
To: heathkitnovicestations@yahoogroups.com
Date: Monday, December 29, 2014, 4:29 PM

Glen,

Are you going to join in on this stuff.
Some of us are in a
second childhood! These radios have more personality than
modern
RICEBOXES!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios
Glow In
The Dark"

_____
Fast, Secure, NetZero 4G Mobile Broadband. Try it.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5577 / Virus Database: 4257/8834 - Release Date: 12/29/14

969. RE: [heathkitnovicestations] HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2014-12-30 21:55:26 UTC
From: JAMES HANLON
Topic: 963 Message: 969

Brian,

Good suggestion. I'll give it a try.

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 30 Dec 2014 15:42:31 -0500
Subject: Re: [heathkitnovicestations] HR-10 problem

Do you have a signal generator and oscilloscope? If so I would try tracing the signal through the RF stages and I have stages to see where it is disappearing.

Best regards - Brian CarlingAF4K Crystals Co.117 Sterling Pine St.Sanford, FL 32773
Tel: +USA 321-262-5471

On Dec 30, 2014, at 2:02 PM, JAMES HANLON knjhanlon@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

Guys,

First off, for the NRR I'm planning on using my reconstructed novice transmitter, a 6AG7/6146 rig from when I was Wn4VIV in 1952 and my original novice receiver, an HRO-50.

But I'm having a problem with an HR-10 receiver. I'd like to pair it with a DX-60 and take them to the Albuquerque Hamfest next august to show off a vintage AM station. The DX-60 works fine, but the HR-10 is quite deaf. It does receive, but minimum discernible signals are somewhere around 100 microvolt where I would expect them to be more nearly around 1 microvolt. All of the tubes test good, and the B+ levels on all plates and screen grids are reasonable. DC resistance measurements on the IF transformers show the windings to be ok, and they all peak as they should upon alignment. DC resistance measurements on the RF and Mixer coils are also OK.

Any suggestions? I'd really like to get this HR-10 on the air with its DX-60 buddy.

Thanks,

Jim, W8KGI

970. RE: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-30 21:57:54 UTC
From: JAMES HANLON
Topic: 948 Message: 970

My RAL-2 is running on its original caps. You might not need to do a wholesale replacement. Have you tested the tubes?

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 30 Dec 2014 15:48:43 -0500
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

FIX IT! About the only thing they need is to be
recapped.

Carl
KM1H

From: w7dra@...
[heathkitnovicestations]
Sent: Tuesday, December 30, 2014 2:14 PM
To: heathkitnovicestations@yahoogroups.com

Subject: Re: [heathkitnovicestations] Novice Rig
Roundup!

my RAL-7 again gave up the ghost, so i have the hw16/hg10 up including the multiband antenna (OCF dipole), was thinking of giving 40 a try again during cat combing time (0600z)

mike w7dra

On Tue, 30 Dec 2014 10:48:48 -0800 "Bob Macklin macklinbob@...
[heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com>
writes:

Hi Richard,

Please do get them out.

I became discouraged because I did not hear much
here in the Seattle area except on contest days.

I'd really like to see some regular 40M evening
activity here in the PNW. I have used my DX-60/HR-10 here locally. But only
locally.

Maybe we could get some West Coast activity
started.

24/7 Cable TV has turned to CRAP. It's the same
crap over and over. Now's the time to play with radios!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

----- Original Message -----
From: Richard AG5M
ag5m@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com

Sent: Tuesday, December 30, 2014 10:37
AM
Subject: Re: [heathkitnovicestations]
Novice Rig Roundup!

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WA

On Mon, 12/29/14,
Bob Macklin macklinbob@...
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Subject: Re: [heathkitnovicestations] Novice Rig
Roundup!
To: heathkitnovicestations@yahoogroups.com
Date: Monday,
December 29, 2014, 4:29 PM

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No virus found in this
message.
Checked by AVG - www.avg.com
Version: 2015.0.5577 / Virus
Database: 4257/8834 - Release Date:
12/29/14

971. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-31 07:22:00 UTC
From: <w7dra@...>
Topic: 948 Message: 971
Attachments: 3 described; binary payloads are missing from this source WARC

i look at RAL-7s like i look at SP600s, they are "3 dinensional" radios, hard to find out where things go, but i will fix it done it before, and will probably do it again

thanks for the encouragement!

mike w7dra

On Tue, 30 Dec 2014 15:48:43 -0500 "'Carl' km1h@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

FIX IT! About the only thing they need is to be recapped.

Carl
KM1H

From: w7dra@... [heathkitnovicestations]
Sent: Tuesday, December 30, 2014 2:14 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

my RAL-7 again gave up the ghost, so i have the hw16/hg10 up including the multiband antenna (OCF dipole), was thinking of giving 40 a try again during cat combing time (0600z)

mike w7dra

On Tue, 30 Dec 2014 10:48:48 -0800 "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

Hi Richard,

Please do get them out.

I became discouraged because I did not hear much here in the Seattle area except on contest days.

I'd really like to see some regular 40M evening activity here in the PNW. I have used my DX-60/HR-10 here locally. But only locally.

Maybe we could get some West Coast activity started.

24/7 Cable TV has turned to CRAP. It's the same crap over and over. Now's the time to play with radios!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Richard AG5M ag5m@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, December 30, 2014 10:37 AM
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

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To: heathkitnovicestations@yahoogroups.com
Date: Monday, December 29, 2014, 4:29 PM

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_____
Odd Trick Fights Diabetes
"Unique" Proven Method To Control Blood Sugar In 3 Weeks. Watch Video.
http://thirdpartyoffers.juno.com/TGL3141/54a3a451896224505fc3st01vuc

972. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-31 07:26:01 UTC
From: <w7dra@...>
Topic: 948 Message: 972
Attachments: 3 described; binary payloads are missing from this source WARC

no, when something breaks, i uave to set it aside, look at it for a while, find the manual, get out the multimeter, poke around a bit, and then it usually fixes itself

mike w7dra

On Tue, 30 Dec 2014 14:57:54 -0700 "JAMES HANLON knjhanlon@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

My RAL-2 is running on its original caps. You might not need to do a wholesale replacement. Have you tested the tubes?

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 30 Dec 2014 15:48:43 -0500
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

FIX IT! About the only thing they need is to be recapped.

Carl
KM1H

From: w7dra@... [heathkitnovicestations]
Sent: Tuesday, December 30, 2014 2:14 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

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mike w7dra

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Please do get them out.

I became discouraged because I did not hear much here in the Seattle area except on contest days.

I'd really like to see some regular 40M evening activity here in the PNW.
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To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, December 30, 2014 10:37 AM
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

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No virus found in this message.
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_____
Odd Trick Fights Diabetes

"Unique" Proven Method To Control Blood Sugar In 3 Weeks. Watch Video.
http://thirdpartyoffers.juno.com/TGL3141/54a3a57b77463257b7518st01vuc

973. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2014-12-31 16:43:37 UTC
From: Carl
Topic: 948 Message: 973
Attachments: 2 described; binary payloads are missing from this source WARC

The RAL is very easy to fix and the full USN manual is on line. It just takes a bit of muscle to flip it over (-;

It is also the best regen ever built IMO, I have the RAK-7 and RAL-7. Neither is much good for AM/SSB due to the built in audio filter.
I also use a 1931 National SW-58 at times and the PP 45's do great into a 10" speaker on AM

Carl
KM1H

From: w7dra@juno.com [heathkitnovicestations]
Sent: Wednesday, December 31, 2014 2:22 AM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

i look at RAL-7s like i look at SP600s, they are "3 dinensional" radios, hard to find out where things go, but i will fix it done it before, and will probably do it again

thanks for the encouragement!

mike w7dra

On Tue, 30 Dec 2014 15:48:43 -0500 "'Carl' km1h@jeremy.qozzy.com [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

FIX IT! About the only thing they need is to be recapped.

Carl
KM1H

From: w7dra@... [heathkitnovicestations]
Sent: Tuesday, December 30, 2014 2:14 PM
To: heathkitnovicestations@yahoogroups.com
Subject: Re: [heathkitnovicestations] Novice Rig Roundup!

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mike w7dra

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Please do get them out.

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I'd really like to see some regular 40M evening activity here in the PNW. I have used my DX-60/HR-10 here locally. But only locally.

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From: Richard AG5M ag5m@... [heathkitnovicestations]
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5577 / Virus Database: 4257/8834 - Release Date: 12/29/14

Odd Trick Fights Diabetes
"Unique" Proven Method To Control Blood Sugar In 3 Weeks. Watch Video.
DiabetesProtocol.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5577 / Virus Database: 4257/8842 - Release Date: 12/31/14

974. NOVICE RIG ROUNDUP

Yahoo group: heathkitnovicestations
Date: 2015-01-08 13:26:29 UTC
From: bcarling@...
Topic: 974 Message: 974

Novice Rig Roundup

Hi folks - Please consider participating in NOVICE RIG ROUNDUP next month, February 6 - 13th. Hundreds of stations will take to the airwaves for a week of NOVICE ERA fun using home brew and commercial rigs of up to 45 watts output (mostly tube rigs) and of course lots
of straight keys and bugs. There is a Facebook Group and also a web page you can read all the details there! Hope you will give it a try!

I hope to contact many of you from here!!

https://www.facebook.com/groups/624239621035186/

http://NoviceRigRoundup.com

Everyone is welcome to participate.

73 de AF4K, Bry
Brian Carling, Radio AF4K

975. Re: [heathkitnovicestations] NOVICE RIG ROUNDUP

Yahoo group: heathkitnovicestations
Date: 2015-01-08 14:53:19 UTC
From: Bob Macklin
Topic: 974 Message: 975

There is also a Yahoo group for the Novice Rig Roundup:
https://groups.yahoo.com/neo/groups/novicerigroundup/info

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: bcarling@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, January 08, 2015 5:26 AM
Subject: [heathkitnovicestations] NOVICE RIG ROUNDUP

Novice Rig Roundup

Hi folks - Please consider participating in NOVICE RIG ROUNDUP next month, February 6 - 13th. Hundreds of stations will take to the airwaves for a week of NOVICE ERA fun using home brew and commercial rigs of up to 45 watts output (mostly tube rigs) and of course lots of straight keys and bugs. There is a Facebook Group and also a web page you can read all the details there! Hope you will give it a try!

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https://www.facebook.com/groups/624239621035186/

http://NoviceRigRoundup.com

Everyone is welcome to participate.

73 de AF4K, Bry
Brian Carling, Radio AF4K

976. Re: [heathkitnovicestations] NOVICE RIG ROUNDUP

Yahoo group: heathkitnovicestations
Date: 2015-01-08 15:44:51 UTC
From: Brian Carling
Topic: 974 Message: 976

Thanks Bob - yes, we need to get more activity going on that group also.

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471

> On Jan 8, 2015, at 9:53 AM, Bob Macklin macklinbob@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:
>
>
>
> There is also a Yahoo group for the Novice Rig Roundup:
> https://groups.yahoo.com/neo/groups/novicerigroundup/info
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> From: bcarling@... [heathkitnovicestations]
> To: heathkitnovicestations@yahoogroups.com
> Sent: Thursday, January 08, 2015 5:26 AM
> Subject: [heathkitnovicestations] NOVICE RIG ROUNDUP
>
> Novice Rig Roundup
>
> Hi folks - Please consider participating in NOVICE RIG ROUNDUP next month, February 6 - 13th. Hundreds of stations will take to the airwaves for a week of NOVICE ERA fun using home brew and commercial rigs of up to 45 watts output (mostly tube rigs) and of course lots of straight keys and bugs. There is a Facebook Group and also a web page you can read all the details there! Hope you will give it a try!
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>
> http://NoviceRigRoundup.com
>
> Everyone is welcome to participate.
>
> 73 de AF4K, Bry
> Brian Carling, Radio AF4K

>
>
>

977. Re: [heathkitnovicestations] NOVICE RIG ROUNDUP

Yahoo group: heathkitnovicestations
Date: 2015-01-08 16:23:59 UTC
From: Bob Macklin
Topic: 974 Message: 977

Hi Bry,

I'm glad to see you are making contacts with your T-60.

You should punch a hole in the chassis and mount a proper socket for the 0A2.

I'm not one of the people that insist on keeping everything original. Make it work properly.

I remember the days in engineering where we were forced to eliminate as many parts as we could to lower the selling price. Most of the time it really was not the right thing to do and it would come back and bite us.

Voltage regulation on oscillators has been known for a long time. As a matter of fact modulating the plate of a crystal oscillator is one of the ways to generate FM(PM).

Bob K5MYJ

----- Original Message -----
From: Brian Carling bcarling@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Thursday, January 08, 2015 7:44 AM
Subject: Re: [heathkitnovicestations] NOVICE RIG ROUNDUP

Thanks Bob - yes, we need to get more activity going on that group also.

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471

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https://groups.yahoo.com/neo/groups/novicerigroundup/info

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

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http://NoviceRigRoundup.com

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73 de AF4K, Bry
Brian Carling, Radio AF4K

978. Just Thinking?

Yahoo group: heathkitnovicestations
Date: 2015-01-19 16:08:47 UTC
From: Bob Macklin
Topic: 978 Message: 978

I have been thinking about buying a Heathkit DX-20 (probably on eBay) and converting the final to a 6L6 for a lower powered transmitter.

But it's looking like DX-20s are somewhat rare.

This morning I was looking at a HW-16. Since it was designed as a Novice transceiver it might be a good alternate choice. The power supply looks like it could easily be converted to a lower voltage for the 6L6. It has a 700V voltage doubler power supply. That could easily be changed to provide 350V for the 6L6.

It would not be a QRP transmitter but could be throttled back to 5W.

I've cut back on scratch building because it's getting difficult to find the parts. It seems easier to buy something like this and modify it.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

979. Re: [heathkitnovicestations] Just Thinking?

Yahoo group: heathkitnovicestations
Date: 2015-01-20 01:42:44 UTC
From: Brian Carling
Topic: 978 Message: 979

Bob

A DX20 has just been posted on the novice rig round up group on Facebook. It is not a perfect one but if you really want one that may be a good opportunity.contact is Bert Morton.

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471

> On Jan 19, 2015, at 11:08 AM, Bob Macklin macklinbob@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:
>
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>
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> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>
>
>

980. Heathkit DX 20

Yahoo group: heathkitnovicestations
Date: 2015-01-20 18:47:53 UTC
From: w1dfu@...
Topic: 980 Message: 980

I have a DX20 that is excess to my needs. The previous owner hacked it up a bit(nothing serious), but with some TLC it might be useful to someone wanting to recreate the Novice experience. For more info and a picture please contact me direct @ w1dfu@w1dfu.com

981. DESPERATELY SEEKING These 2 Heathkit Manuals (In Some Form)

Yahoo group: heathkitnovicestations
Date: 2015-01-23 14:29:20 UTC
From: andy.gm0nwi1@...
Topic: 981 Message: 981

Hi Everyone ...

I think this is my first post to the group in a good while, since joining ...

I waited to do this to make sure I had the correct information of the items I am seeking for you all ...

" I Wonder " ? Does ANYONE here on the list happen to have a EITHER A WAY or perhaps a copy-of-some-sort of the FULL Heathkit Manuals for the following items :-

Heathkit CE-2T Chairside Equipment Enclosure Manual

Heathkit Boonie Bike Manual

I Have Been Searching & Searching for a possible site to download these 2 manuals for YEARS now to no avail ...

CAN SOMEONE PLEASE " Come To My Rescue "

Answers To The Group Here OR To My Own Personal E-mail Address Found On QRZ.com
T.I.A

Thanks - 73's Andy - GM0NWI

982. Heath Parts and Manuals FS

Yahoo group: heathkitnovicestations
Date: 2015-01-24 16:32:40 UTC
From: Ken Simpson, W8EK
Topic: 982 Message: 982

Heath Items For Sale:

Miscellaneous parts, original manuals, and other miscellaneous items:

Heath HM-102/HM-2102 Wattmeter Parts (all are common to both meters):

Outer clam shell cabinet (left and right sides plus top) in nice
condition. $12

Dark Green knobs with aluminum skirt, 1 1/8 inch in diameter.
Of course these are the same as used on most of the Heath SB line,
so they can be used on many different units. $5 each

Set of four feet, w/hardware. $10

Three position SWR/Power switch
Switches between SWR, high and low power. $7

I have many Heath SB-630 Station Console parts available. Most of
the internal parts are available, but no clock. The clock movement,
knobs, front panel, outer case and reflectometer assembly are gone,
but switches, etc. are still available. Please let me know what you
need.

I also have parts from a Heath HD-15 phone patch available.
What do you need?

Gray Heath carry handle
This handle is the medium dark gray.
It would have been used on things such as signal
generators, and other test equipment, and maybe other
things as well. It is 4 1/2 inches long with a single
screw in each end for mounting; the screws are included.
$5

Coax connectors and adapters:

Prices are per connector. Several of each are available.
Most are unused.

SPECIAL: Buy 5 and take 10% off. Buy 10 or more and take 20% off.

UG-175 reducing adapters for PL-259 connectors to
use with RG-58 $.50

UG-176 reducing adapters for PL-259 connectors to
use with RG-8 X or RG-59.
Amphenol, still sealed in the package $1

Amphenol crimp type PL-259, sealed in package $3

UHF double female "Barrel connector" $3

UHF "Bulkhead Connector" with mounting hardware
Double female, about 2 inches long $6

UHF "T" connector with two female (SO-239) and one male
(PL-259) connection $5

BNC HT to PL-259 adapter.(BNC male to UHF female) $5

BNC male for coax cables
standard type $2
crimp on type $3

Chassis mount BNC female
square mount (uses 4 screws) $3
Amphenol screw in type, sealed in package $4

BNC "T", two female and one male $3

ORIGINAL Heath manuals:

These are original manuals only, for Heath equipment.
They are in very nice condition. Schematic is in the book.

GD-600 Photoelectric Light Switch, $5
HD-1234 Coaxial Switch, $4
HD-1426 Relative Field Strength Meter, $5
HD-1481 Remote Coax Switch, $8
HW-2021 2 meter HT, No check marks, $9
IN-17 Decade Resistance Box, $4

These are original Heath manuals only.

I also have many other accessories available such as many
different types of microphones, HTs, VHF and UHF rigs, HF
and VHF/UHF antennas, etc.
Just too many to list here. Please e-mail your requests.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

983. HR-10 Problem!

Yahoo group: heathkitnovicestations
Date: 2015-01-28 17:24:50 UTC
From: Bob Macklin
Topic: 983 Message: 983

When I turned on my HR-10 last night I noticed one of the dial lamps was flickering.

A couple years ago I had a short on the 6.3V line that took out the transformer. I had a parts unit so I was able to replace the transformer.

But I did not want that to happen again.

Several years ago the 6X4 rectifier developed a cathode to filament short. That was also a bad situation. This is a common failure mode of the 6X4 tubes.

This morning I pulled the 6X4 out and the flickering went away. So I am going to replace the tube.

I am also installing fuses in the 6.3V filament circuit and the center tap of the HV winding.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

984. Re: [heathkitnovicestations] HR-10 Problem!

Yahoo group: heathkitnovicestations
Date: 2015-01-28 17:38:26 UTC
From: bcarling@...
Topic: 983 Message: 984

Flickering is usually caused by a loose connection.

Bry AF4K

On 28 Jan 2015 at 9:24, Bob Macklin macklinbob@... [heathkitn wrote:

>
>
>
>
> When I turned on my HR-10 last night I noticed one of the dial lamps was flickering.
>
> A couple years ago I had a short on the 6.3V line that took out the transformer. I had a parts unit
> so I was able to replace the transformer.
>
> But I did not want that to happen again.
>
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> situation. This is a common failure mode of the 6X4 tubes.
>
> This morning I pulled the 6X4 out and the flickering went away. So I am going to replace the tube.
>
> I am also installing fuses in the 6.3V filament circuit and the center tap of the HV winding.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
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>

985. Re: [Heathkit:Yahoo] Re: [heathkitnovicestations] HR-10 Problem!

Yahoo group: heathkitnovicestations
Date: 2015-01-28 17:44:32 UTC
From: Bob Macklin
Topic: 985 Message: 985

That's what I was hopping for but no such luck.

It's a 6X4 cathode to filament short!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: bcarling@... [heathkit]
To: heathkitnovicestations@yahoogroups.com ; novicerigroundup@...m
Cc: heathkit@yahoogroups.com
Sent: Wednesday, January 28, 2015 9:38 AM
Subject: [Heathkit:Yahoo] Re: [heathkitnovicestations] HR-10 Problem!

Flickering is usually caused by a loose connection.

Bry AF4K

On 28 Jan 2015 at 9:24, Bob Macklin macklinbob@... [heathkitn wrote:

>
>
>
>
> When I turned on my HR-10 last night I noticed one of the dial lamps was flickering.
>
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> so I was able to replace the transformer.
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>
> Several years ago the 6X4 rectifier developed a cathode to filament short. That was also a bad
> situation. This is a common failure mode of the 6X4 tubes.
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>
> Bob Macklin
> K5MYJ
> Seattle, Wa.

> "Real Radios Glow In The Dark"
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986. Re: [novicerigroundup] Re: [Heathkit:Yahoo] Re: [heathkitnovicestations] HR-10 Problem!

Yahoo group: heathkitnovicestations
Date: 2015-01-28 17:47:10 UTC
From: Bob Macklin
Topic: 986 Message: 986

It's too bad you cannot just go to the corner drugstore for tubes anymore!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Bob Macklin macklinbob@... [novicerigroundup]
To: heathkit@yahoogroups.com ; heathkitnovicestations@yahoogroups.com ; novicerigroundup@yahoogroups.com
Cc: heathkit@yahoogroups.com
Sent: Wednesday, January 28, 2015 9:44 AM
Subject: [novicerigroundup] Re: [Heathkit:Yahoo] Re: [heathkitnovicestations] HR-10 Problem!

That's what I was hopping for but no such luck.

It's a 6X4 cathode to filament short!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: bcarling@... [heathkit]
To: heathkitnovicestations@yahoogroups.com ; novicerigroundup@yahoogroups.com
Cc: heathkit@yahoogroups.com
Sent: Wednesday, January 28, 2015 9:38 AM
Subject: [Heathkit:Yahoo] Re: [heathkitnovicestations] HR-10 Problem!

Flickering is usually caused by a loose connection.

Bry AF4K

On 28 Jan 2015 at 9:24, Bob Macklin macklinbob@msn.com [heathkitn wrote:

>
>
>
>
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>
> A couple years ago I had a short on the 6.3V line that took out the transformer. I had a parts unit
> so I was able to replace the transformer.

>
> But I did not want that to happen again.
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> Several years ago the 6X4 rectifier developed a cathode to filament short. That was also a bad
> situation. This is a common failure mode of the 6X4 tubes.
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> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
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987. Novice Rig Rounduo!

Yahoo group: heathkitnovicestations
Date: 2015-01-31 23:59:23 UTC
From: Bob Macklin
Topic: 987 Message: 987

Come join the Novice Rig Roundup:

http://novicerigroundup.com/
https://groups.yahoo.com/neo/groups/novicerigroundup/info

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

988. Re: [heathkitnovicestations] Novice Rig Rounduo!

Yahoo group: heathkitnovicestations
Date: 2015-02-01 00:01:30 UTC
From: Brian Carling
Topic: 987 Message: 988

ONLY SIX DAYS TO GO!!

Best regards - Brian Carling
AF4K

> On Jan 31, 2015, at 6:59 PM, Bob Macklin macklinbob@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:
>
>
>
> Come join the Novice Rig Roundup:
>
> http://novicerigroundup.com/
> https://groups.yahoo.com/neo/groups/novicerigroundup/info
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>
>

989. ANNOUNCEMENT

Yahoo group: heathkitnovicestations
Date: 2015-02-04 13:19:42 UTC
From: bcarling@...
Topic: 989 Message: 989

The Novice Rig Roundup starts in two days!

Starting Friday evening at 7 pm EST.
A whole week from 0000z on FEBRUARY 7 through 0000z February 14th.

Complete details here:
http://NoviceRigRoundup.com

Make SKEDS through the usual means at K3UK, Facebook NRR Group, Yahoo NRR Group etc.
Everyone is welcome!

73 de AF4K, Bry

990. NRR

Yahoo group: heathkitnovicestations
Date: 2015-02-09 12:19:24 UTC
From: bcarling@...
Topic: 990 Message: 990

NOVICE RIG ROUNDUP is happening all this week!

Please get on the air with your old Ameco, Collins, Drake, Heathkit, Knightkit, Allied, Lafayette, EICO, Home Brew and Military Surplus rigs!

I have already worked several Drake, Heathkit, EICO 720 and 723 stations plus at least two T60 Knight rigs and I heard that there is a Knight T50 "50 Watter" station active.

Details at:
http://NoviceRigRoundup.com

See you on the air!

73 - Bry, AF4K

991. NRR: Last Day is Tomorrow!!

Yahoo group: heathkitnovicestations
Date: 2015-02-12 15:05:28 UTC
From: bcarling@...
Topic: 991 Message: 991

Folks - NOVICE RIG ROUNDUP!

A reminder that tomorrow is the last full day for the Novice Rig Roundup. Please dust off your old tube rigs or use any rig to contact the hundreds of stations on the air this week with their ancient novice era radios!

It is happening all week until 7 PM Friday EST. Stations will be heard on 80, 40, 15 and 10 m.

Listen for stations calling CQ NRR. Just to give them the normal exchange plus your rig, power and see for VFO. Unless you are using a crystal rig.

Full details:
http://novicerigroundup.com

Best regards - Brian Carling
AF4K #1879S

992. FS: TUBES

Yahoo group: heathkitnovicestations
Date: 2015-02-14 13:50:55 UTC
From: bcarling@...
Topic: 992 Message: 992

FOR SALE:

Pair of EIMAC 35T tubes in excellent coindition - they look new $20.00

QTY 1 RCA 813 transmitting tube - new in box - $35.00

QTY 1 - 837/VT-101 RCA Transmitting Tube - NEW IN BOX - $12.00

QTY 2 EIMAC 4-65A Transmitting Tubes, NEW (one in box) - $70.00 for the pair

QTY 1 General Electric 6146B TUBE, used excellent - $12.00

QTY 1 TUNG SOL 5881 TUBE, used VG - $8.00

QTY 1 RCA 5V4 TUBE, used VG - $5.00

QTY 1 RCA 5Z3 TUBE, used VG - $3.00

QTY 1 RCA 6DQ5 TUBE, used VG - $3.00

Shipping additional

E-mail me for details or to arrange purchase.

73 de AF4K, Bry

993. FS: B & W Coaxial Antenna Switches

Yahoo group: heathkitnovicestations
Date: 2015-02-14 19:34:15 UTC
From: bcarling@...
Topic: 993 Message: 993

FOR SALE: Two BARKER and Williamson 6-position Antenna Switches.

One SO-239 connector for the coaxial input and SIX SO-239 connections for the antennas.

These are both the rectangular, in-line switches with all connectors exiting off the rear. No
awkward round box to mount or other issues. Fairly common and well known design. They typically sell for around $35 - $45 or more on eBay.

Real ceramic construction inside and in excellent condition. They have some markings and show some normal use, but no dents or gouges. Tested and working fine.

Both look more or less identical. E-mail me if you need to see pictures.

One is the Model CS-6G and the other is a model 595. Both are made by B & W and look more or less identical.

Available for only $26.00 each plus shipping.

E-mail if you need details or pictures.

73 - Brian, AF4K

994. Heathkit Items

Yahoo group: heathkitnovicestations
Date: 2015-02-19 15:07:19 UTC
From: bcarling@...
Topic: 993 Message: 994

I currently have a large number of Heathkit amateur items for sale.

E-mail me off the list if you would like to know what I have on offer.
Many are fully restored or collector quality items. Some are in less fancy condition.

Sincerely,

Brian Carling, AF4K

995. 2015 NOVICE RIG ROUNDUP RESULTS!

Yahoo group: heathkitnovicestations
Date: 2015-03-09 15:55:35 UTC
From: bcarling@...
Topic: 995 Message: 995

Good news everyone - the results are in for the 2015 Novice Rig Roundup...

We can't announce all of the wonners and scores yet because one winner didn't report how much power he was running! (K4IBZ)

We do know that KE3O is the QRP winner!

All of the results will be posted later today and hopefully we will know who the NOVICE level
winner and the QRO winner ius by then.
If there is no QRO winner, then we may have a second place runner up award for the

Now for the FUN PART!!

The Soapbox has been posted. Have a look here - you will be glad you did!
http://novicerigroundup.com/soapbox2015.htm

We might add a few more remarks but this has been a LOT OF WORK!
So I hope it was worthwhile...

73 & DX de AF4K, Bry Carling

996. Re: [Heathkit] 2015 NOVICE RIG ROUNDUP RESULTS!

Yahoo group: heathkitnovicestations
Date: 2015-03-09 18:00:12 UTC
From: Brian Carling
Topic: 996 Message: 996

Chris, thank you so much for your encouraging remarks. I hope you can join us next year for sure and I also hope to work you in between times.

Would it be permissible for me to post your remarks on the soapbox?

Best regards - Brian Carling
AF4K Crystals Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: +USA 321-262-5471

> On Mar 9, 2015, at 1:34 PM, Chris Kepus <ckepus@...> wrote:
>
> Bry, I just finished reading your NRR Soapbox page. Man, what a fun read.
> I missed the NRR this year because of knee surgery during the same period.
>
> I won't miss next year. !! :-)
>
> The real purpose of this message, however, is to congratulate you and your
> co-conspirator(s) (please forward this message to them). I know what a
> daunting task it is to bring forward a new idea like NRR, establish format,
> rules, yadda, yadda, consistently hype and advertise it across many venues,
> execute it on time and on plan, and follow up appropriately. Didn't mean to
> overdo the above list...it is only to acknowledge and underscore the
> incredible effort needed to make this happen.
>
> You and your team did a great job. The Soapbox comments are truly
> indicative of the enjoyment this event generated and how it rekindled
> memories of the magic of one's first experiences in ham radio.
>
> 73,
> Chris
> W7JPG
>
>

997. Re: [Heathkit] 2015 NOVICE RIG ROUNDUP RESULTS!

Yahoo group: heathkitnovicestations
Date: 2015-03-10 11:40:25 UTC
From: Brian Carling
Topic: 996 Message: 997

Hi Chris,

It was a blast.... Reading the results amazed me too. The ingenuity and persistence of everyone! I was reminded of just how difficult it was sometimes as a novice to actually get on the air and make contacts!

It was great fun and a good time was had by all - or at least a nostalgic experience for sure!!

Best regards - Brian Carling
AF4K

> On Mar 9, 2015, at 1:34 PM, Chris Kepus <ckepus@...> wrote:
>
> Bry, I just finished reading your NRR Soapbox page. Man, what a fun read.
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> You and your team did a great job. The Soapbox comments are truly
> indicative of the enjoyment this event generated and how it rekindled
> memories of the magic of one's first experiences in ham radio.
>
> 73,
> Chris
> W7JPG
>
>

998. RE: [Heath] [Heathkit] 2015 NOVICE RIG ROUNDUP RESULTS!

Yahoo group: heathkitnovicestations
Date: 2015-03-10 21:46:57 UTC
From: BC
Topic: 998 Message: 998

You are right Ray - it's a thrill that cannot be replaced with the newer digital rigs and memory buttons, and computer helps etc. etc. etc.

Best regards - Brian Carling, AF4K

---- RAY FRIESS <rayfrijr@...> wrote:
> Thats one thing that made being a novice so fun. Overcoming obstacles with the rig, antenna etc to make those contacts. Not like today where you buy a rice box solid state rig, throw up a monster beam and go for it. Nothing like the glow of the filaments and dial lamps, the big knobs and the can headphones to make it more exciting when some signal comes back to your cq.
>
> > From: bcarling@...
> > Date: Tue, 10 Mar 2015 07:40:25 -0400
> > To: ckepus@...
> > CC: heathkit@...; hallicrafters@...; Ham-Radio@yahoogroups.com; Boatanchors@...; heath@...; heathkitnovicestations@yahoogroups.com; Hamradio@yahoogroups.com
> > Subject: Re: [Heath] [Heathkit] 2015 NOVICE RIG ROUNDUP RESULTS!
> >
> > Hi Chris,
> >
> > It was a blast.... Reading the results amazed me too. The ingenuity and persistence of everyone! I was reminded of just how difficult it was sometimes as a novice to actually get on the air and make contacts!
> >
> > It was great fun and a good time was had by all - or at least a nostalgic experience for sure!!
> >
> > Best regards - Brian Carling
> > AF4K
> >
> > > On Mar 9, 2015, at 1:34 PM, Chris Kepus <ckepus@...> wrote:
> > >
> > > Bry, I just finished reading your NRR Soapbox page. Man, what a fun read.
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> > > memories of the magic of one's first experiences in ham radio.
> > >
> > > 73,
> > > Chris
> > > W7JPG
> > >
> > >
> > _____
> > Heath mailing list
> > Heath@...
> > https://puck.nether.net/mailman/listinfo/heath
>

999. HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2015-03-20 22:34:17 UTC
From: JAMES HANLON
Topic: 963 Message: 999

I'm working on my HR-10, trying to get it into good enough shape to take to the Albuquerque, NM hamfest next summer and to use it in a talk I'll be giving on behalf of the NMRCC (New Mexico Radio Collectors Club, not the other RCC although sometimes I wonder) about 50 yearish old AM/CW stations. I'll be pairing it with a DX-60 and HG-10 vfo. At this point it's working pretty well with the exception that the audio on CW and SSB sounds very hummy. Looking at the bfo waveform with a scope, it appears to be a nice sinusoid with no trace of 60 Hz ripple. Adding additional filter caps to the power supply does absolutely nothing to the hum. There is no noticeable hum on AM signals with the bfo off. I even ran the filament of v4, the last IF amplifier and bfo tube from DC and that made no difference. Also, killing the high frequency local oscillator and listening just to an IF frequency signal originating in an external signal generator that's fed in through the first RF stage, ala the instructions for doing an IF alignment, also produces a hummy note if I turn the bfo on. So it does not appear to be something strange going on with the hf local oscillator.

I wonder if anyone else has had this kind of experience with an HR-10? It's good enough to use on AM like this, but it's a little rough if someone would like to switch to CW or SSB. I'd like to get that fixed if I could.

Any suggestions? Thanks,

Jim Hanlon, W8KGI

1000. Re: [heathkitnovicestations] HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2015-03-22 00:32:09 UTC
From: Larry Flaitz
Topic: 963 Message: 1000

Hi Jim, I have had a HR-10 for a few years and me thinks that the hum is the nature of the beast with that rig. The hum was mentioned in a review of the rig in the July, 1963 QST review and they said it was the result of the filament grounding method, or something like that. I experimented, searched, asked around, etc, around and still have the hum. From what I determined, must people use a audio filter or dsp speakers and that pretty much cuts down on the hum. I have a Autek QF-1A that I got off of the auction site for fairly cheap and it knocks out the hum, and increases the selectivity very well. I also put a Ameco PT-2 preamp in to increase the sensitivity on 15 and 10 meters and that works well. If perchance someone else has a cure, I, too, would be interested. Hope this helps. Regards, Larry W2DDG

On Friday, March 20, 2015 6:34 PM, "JAMES HANLON knjhanlon@msn.com [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

I'm working on my HR-10, trying to get it into good enough shape to take to the Albuquerque, NM hamfest next summer and to use it in a talk I'll be giving on behalf of the NMRCC (New Mexico Radio Collectors Club, not the other RCC although sometimes I wonder) about 50 yearish old AM/CW stations. I'll be pairing it with a DX-60 and HG-10 vfo. At this point it's working pretty well with the exception that the audio on CW and SSB sounds very hummy. Looking at the bfo waveform with a scope, it appears to be a nice sinusoid with no trace of 60 Hz ripple. Adding additional filter caps to the power supply does absolutely nothing to the hum. There is no noticeable hum on AM signals with the bfo off. I even ran the filament of v4, the last IF amplifier and bfo tube from DC and that made no difference. Also, killing the high frequency local oscillator and listening just to an IF frequency signal originating in an external signal generator that's fed in through the first RF stage, ala the instructions for doing an IF alignment, also produces a hummy note if I turn the bfo on. So it does not appear to be something strange going on with the hf local oscillator.

I wonder if anyone else has had this kind of experience with an HR-10? It's good enough to use on AM like this, but it's a little rough if someone would like to switch to CW or SSB. I'd like to get that fixed if I could.

Any suggestions? Thanks,

Jim Hanlon, W8KGI

1001. RE: [heathkitnovicestations] HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2015-03-22 14:21:17 UTC
From: JAMES HANLON
Topic: 963 Message: 1001

Larry,

Thanks for the tips. It's good to know that even George Grammar had a problem with the hum, HI. I too have an Autek QF-1. I'll have to dig it out and see if improves things. I wonder if floating the filament connections that are currently returned through chassis ground would change things. That would e a bit of work to implement, but I might try it.

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Sun, 22 Mar 2015 00:32:09 +0000
Subject: Re: [heathkitnovicestations] HR-10 problem

Hi Jim, I have had a HR-10 for a few years and me thinks that the hum is the nature of the beast with that rig. The hum was mentioned in a review of the rig in the July, 1963 QST review and they said it was the result of the filament grounding method, or something like that. I experimented, searched, asked around, etc, around and still have the hum. From what I determined, must people use a audio filter or dsp speakers and that pretty much cuts down on the hum. I have a Autek QF-1A that I got off of the auction site for fairly cheap and it knocks out the hum, and increases the selectivity very well. I also put a Ameco PT-2 preamp in to increase the sensitivity on 15 and 10 meters and that works well. If perchance someone else has a cure, I, too, would be interested. Hope this helps. Regards, Larry W2DDG

On Friday, March 20, 2015 6:34 PM, "JAMES HANLON knjhanlon@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

I'm working on my HR-10, trying to get it into good enough shape to take to the Albuquerque, NM hamfest next summer and to use it in a talk I'll be giving on behalf of the NMRCC (New Mexico Radio Collectors Club, not the other RCC although sometimes I wonder) about 50 yearish old AM/CW stations. I'll be pairing it with a DX-60 and HG-10 vfo. At this point it's working pretty well with the exception that the audio on CW and SSB sounds very hummy. Looking at the bfo waveform with a scope, it appears to be a nice sinusoid with no trace of 60 Hz ripple. Adding additional filter caps to the power supply does absolutely nothing to the hum. There is no noticeable hum on AM signals with the bfo off. I even ran the filament of v4, the last IF amplifier and bfo tube from DC and that made no difference. Also, killing the high frequency local oscillator and listening just to an IF frequency signal originating in an external signal generator that's fed in through the first RF stage, ala the instructions for doing an IF alignment, also produces a hummy note if I turn the bfo on. So it does not appear to be something strange going on with the hf local oscillator. I wonder if anyone else has had this kind of experience with an HR-10? It's good enough to use on AM like this, but it's a little rough if someone would like to switch to CW or SSB. I'd like to get that fixed if I could. Any suggestions? Thanks, Jim Hanlon, W8KGI

1002. Re: HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2015-03-22 23:25:46 UTC
From: Gary MacGregor (KF5DZQ)
Topic: 963 Message: 1002

Hello,
I'm no expert in circuit design but, I have had significant experience with tube audio. Fender tube guitar amps used a balance pot in some of their amps.
I believe it was a 100 ohm or more.
Each outer leg tied to a filament line and then the center lug/wiper tied to ground.
This worked real good if you kept the wiper near center and adjusted ever so slightly left or right until the him was gone.
The problem Fender had with this circuit was the mounted it on the back of the chassis where a All Knowing Musician could adjust it. Many thought they could tweak their amp with this to make it louder. Only to end up burning up the pot.
My solution for that repair was to leave the pot for original looks, but transfer the wires to a pair of 100 (?) Ohm resistors tied to ground. It has been a few years since I have gotten to work on a Fender. I think I used 1 watt resistors. I have an amp fixing to hit the bench that may have that circuit. I will investigate and make notes if it does.
Look into that type circuit to see if it will work for you. Can't beat a 20 cent fix !!

73
Gary
KF5DZQ
Sunny South Texas
Visit http://www.southtexashamfest.org
http://www.alienpartscompany.com/ham.html
http://www.radiobrackets.com/ - Coming Soon
http://www.hamfest73.com/
http://www.macgregorservices.com/radio/kf5dzq.html - under construction

Sent from my Commodore Vic 20

1003. Re: [heathkitnovicestations] Re: HR-10 problem

Yahoo group: heathkitnovicestations
Date: 2015-03-23 00:11:23 UTC
From: N2EY@...
Topic: 963 Message: 1003

This idea works, but there's a bit of a problem applying it to the HR-10.

The system used by Fender and many other audio amp designers is to use a balanced heater supply - a twisted pair feeds every tube heater, and neither side of the heater supply is grounded. That way no heater current flows through the chassis nor any other ground path, and the fields around the twisted pair are cancelled. In some designs the heater winding on the power transformer is center-tapped and grounded, in others, the 100-ohm-pot-with-the-wiper-grounded system is used.

The problem with the HR-10 is that the heater wiring in that receiver has one side grounded, and there's just one heater wire in the harness. So a 100 ohm pot won't do anything unless the heater circuit is completely rewired for balanced operation.

73 de Jim, N2EY

In a message dated 3/22/2015 7:25:49 P.M. Eastern Daylight Time, heathkitnovicestations@yahoogroups.com writes:

Hello,
I'm no expert in circuit design but, I have had significant experience with tube audio. Fender tube guitar amps used a balance pot in some of their amps.
I believe it was a 100 ohm or more.
Each outer leg tied to a filament line and then the center lug/wiper tied to ground.
This worked real good if you kept the wiper near center and adjusted ever so slightly left or right until the him was gone.
The problem Fender had with this circuit was the mounted it on the back of the chassis where a All Knowing Musician could adjust it. Many thought they could tweak their amp with this to make it louder. Only to end up burning up the pot.
My solution for that repair was to leave the pot for original looks, but transfer the wires to a pair of 100 (?) Ohm resistors tied to ground. It has been a few years since I have gotten to work on a Fender. I think I used 1 watt resistors. I have an amp fixing to hit the bench that may have that circuit. I will investigate and make notes if it does.
Look into that type circuit to see if it will work for you. Can't beat a 20 cent fix !!
73
Gary
KF5DZQ
Sunny South Texas
Visit _http://www.southtexashamfest.org_
(http://www.southtexashamfest.org/)

http://www.alienpartscompany.com/ham.html

http://www.radiobrackets.com/ - Coming Soon
http://www.hamfest73.com/

http://www.macgregorservices.com/radio/kf5dzq.html - under construction

Sent from my Commodore Vic 20

1004. NRR Certificates

Yahoo group: heathkitnovicestations
Date: 2015-03-29 13:15:34 UTC
From: bcarling@...
Topic: 1004 Message: 1004

Hello everyone!

Dear NOVICE RIG ROUNDUP participants...

Thank you for your patience - your CERTIFICATE is being mailed out this week.

We expect to have all of them mailed out by Friday, April 3rd.

If you have not received yours by April 10th, please let us know and we will look into sending you a certificate if one was not mailed.

EVERYONE: Be SURE to read the NRR Soapbox for a half hour or so of great amusement!

Once again THANK YOU to everyone for their participation and for making the First Annual Novice Rig Roundup a HUGE success!!

73 de AF4K

1005. RE: [heathkitnovicestations] NRR Certificates

Yahoo group: heathkitnovicestations
Date: 2015-03-29 22:40:58 UTC
From: JAMES HANLON
Topic: 1004 Message: 1005

Brian, Where can I find the Soapbox? Jim, w8KGI To: heathkitnovicestations@yahoogroups.comFrom: heathkitnovicestations@yahoogroups.comDate: Sun, 29 Mar 2015 09:15:34 -0400Subject: [heathkitnovicestations] NRR Certificates

Hello everyone!

Dear NOVICE RIG ROUNDUP participants...

Thank you for your patience - your CERTIFICATE is being mailed out this week.

We expect to have all of them mailed out by Friday, April 3rd.

If you have not received yours by April 10th, please let us know and we will look into sending you a certificate if one was not mailed.

EVERYONE: Be SURE to read the NRR Soapbox for a half hour or so of great amusement!

Once again THANK YOU to everyone for their participation and for making the First Annual Novice Rig Roundup a HUGE success!!

73 de AF4K

1006. FS: Heathkit items

Yahoo group: heathkitnovicestations
Date: 2015-04-01 11:06:14 UTC
From: Bry Carling AF4K
Topic: 1006 Message: 1006

Heathkit Items for sale:

Heathkit Apache Transmitter in excellent condition - $275.00

Heathkit DX100B Front Panel - $25.00

Heathkit Twoer 144 MHz AM - $45.00

Heathkit Sixer 50 MHz AM - $55.00

Heathkit cabinet for SB600, SB610, SB630 - $25.00

Heathkit SB303 / SB500 Cabinet - $35.00

Heathkit HO13 Scope - $125.00

HEATHKIT SB-610 Monitor Scope - $139.00

HEATHKIT QF1 - Q Multiplier - $15.00

HEATHKIT AM-2 SWR meter - $25.00

Heathkit HM-2141 VHF SWR Meter - $55.00

Heathkit GD1B Grid Dip Meter (TWO) - with one spare GDO and all coils - $50.00

Set of Heathkit SB-line Knobs, 8 pcs - $35.00

Heathkit AO-1 Audio oscillator, Exc. - $35.00

Heathkit BE-4 Battery Eliminator exc. - $35.00

Heathkit V6 Vacuum Tube Voltmeter - $15.00

Heathkit IG-42 Signal generator, exc. - $45.00

HEATHKIT IG-18 Signal Generator - $19.00

Shipping additional on all the above.

Pictures and details at:
http://af4k.com/radios.htm
http://af4k.com/miscpart.htm
http://af4k.com/testgear.htm

73 - Bry Carling, AF4K

1007. FS: VHF AM and CW Equipment

Yahoo group: heathkitnovicestations
Date: 2015-06-10 12:35:33 UTC
From: Bry Carling AF4K
Topic: 1007 Message: 1007

SUMMER VHF IS HOT!

FOR SALE:

Heathkit Sixer with power cable and manual copy plus a
crystal for 50.400 MHz - excellent condition - $75.00

Hallicrafters SR46 Transceiver with HA26 VFO and microphone.
All in very good condition.
SR46 - $65.00
HA26 - $25.00
Mic - $15.00
ALL of the above for $75.00

CLEGG 22er AM/CW Transceiver - excellent condition
Includes a crystal for 144.450 MHz AM. Built in 120V AC power supply.
Only $75.00 plus shipping

AMECO 2m converter
Extra nice with a shiny copper chassis
Only $25.00

Pictures and details at:
http://af4k.com/radios.htm

73 & thanks for looking - Bry AF4K

1008. NOVICE RIG ACTIVITY WEEKENDS

Yahoo group: heathkitnovicestations
Date: 2015-06-11 11:09:21 UTC
From: Bry Carling AF4K
Topic: 1008 Message: 1008

This has been posted on the Novice Rig Roundup web page:

ANNOUNCEMENT NOVICE RIG ACTIVITY WEEKENDS!!!

THIRD FULL WEEKEND OF JUNE from 0000 UTC SATURDAY until 2400 UTC SUNDAY.

First weekend will be JUNE 20 - 21. Remember the start times will be on Friday evening and end times will be on Sunday evening.

RULES ARE - CONCENTRATE ON 7100 - 7125 kHz but use any novice appropriate frequency.

This is not a full on contest BUT you may post your results and compare how you did against the results of other ops. No prizes or certificates for now. Just the satisfaction of your achievement.

EXCHANGE: RST, QTH (State, province or country), NAME, POWER, Year First Licensed (2 digits)
EXAMPLE: RST 599 FL BRY 55W 68

You may also wish to exchange numbers for NAQCC, SKCC etc.
Use of older novice era 1940s, 50s, 60s and 70s equipment is strongly encouraged. Use of homebrew and QRP are also stringly encouraged. Use of MANUAL CW keys including bugs, side swipers, cooties, straight keys etc. is encouraged.

Since SKCC Board are NOT interested in promoting this manual CW event, this is NOT an official SKCC event.

Final scores my be submitted for posting on this web site by e-mailing them via this web site.
Details to follow.

PLEASE SPREAD THE WORD ABOUT THIS ACTIVITY for maximum participation!!!!

See: http://NoviceRigRoundup.com

73 - Bry, AF4K

1009. FS: Beautiful James Millen Grid Dip Meter

Yahoo group: heathkitnovicestations
Date: 2015-06-14 20:12:12 UTC
From: Bry Carling AF4K
Topic: 1009 Message: 1009

FOR SALE: Excellent James Millen Company Model 90651 Grid Dip Oscillator.

Comes with all coils and is in excellent condition.

Included is the original box.

Available for $95.00 plus shipping.

All the best - Bry Carling, AF4K

1010. NOVICE ACTIVITY WEEKEND

Yahoo group: heathkitnovicestations
Date: 2015-06-19 11:05:03 UTC
From: Bry Carling AF4K
Topic: 1010 Message: 1010

Please look for the NOVICE RIG ACTIVITY event this weekend from Friday evening until Sunday evening.

Make contacts on the 40m Novice Band only.

Starting at 0000 UTC this Saturday until 0000 UTC Monday.

DETAILS:

This has ALSO been posted on the Novice Rig Roundup web page...

ANNOUNCEMENT NOVICE RIG ACTIVITY WEEKENDS!!!

THIRD FULL WEEKEND OF JUNE 19 - 21 from 0000 UTC SATURDAY until 2400 UTC SUNDAY.

First weekend will be JUNE 20 - 21. Remember the start times will be on Friday evening and end times will be on Sunday evening.

RULES ARE - CONCENTRATE ON 7100 - 7125 kHz but use any novice appropriate frequency.

This is not a full on contest BUT you may post your results and compare how you did against the results of other ops. No prizes or certificates for now. Just the satisfaction of your achievement.

EXCHANGE: RST, QTH (State, province or country), NAME, POWER, Year First Licensed (2 digits)
EXAMPLE: RST 599 FL BRY 55W 68

You may also wish to exchange numbers for NAQCC, SKCC etc.
Use of older novice era 1940s, 50s, 60s and 70s equipment is strongly encouraged. Use of homebrew and QRP are also stringly encouraged. Use of MANUAL CW keys including bugs, side swipers, cooties, straight keys etc. is encouraged.

Since SKCC Board are NOT interested in promoting this manual CW event, this is NOT an official SKCC event.

Final scores my be submitted for posting on the web site by e-mailing them via the web site.
Details to follow.

PLEASE SPREAD THE WORD ABOUT THIS ACTIVITY for maximum participation!!!!

See: http://NoviceRigRoundup.com

73 - AF4K

1011. FS: Heathkit Items etc.

Yahoo group: heathkitnovicestations
Date: 2015-06-25 11:51:08 UTC
From: Bry Carling AF4K
Topic: 1011 Message: 1011

FOR SALE: Heathkit Items

1) Heathkit QF-1 accessory Q Multiplier. Great for peaking up the selectivity and gain of your homebrew or boatanchor receiver. In very good condition.
Available for $25.00

2) Heathkit SB-303 or SB-500 Cabinet, Excellent Condition.
Here's a very nice cabinet for the SB-303 receiver. If your radio or tranbsverter is betting a bit
grubby-looking, make it look like new. It has been stripped and painted and looks great.
Available for $19.00

3) Heathkit DX-100 AC power cord - very good condition, with fuses - $5.00

4) Heathkit DX-100 - 4 terminal fixed loading capacitor - $4.00

5) Large Bag of Hardware from a Heathkit DX100, mostly screws, washers etc.
- All for $5.00

6) Set of knobs for Heathkit DX100, DX40 etc. 4 large gray knobs,and 3 small gray knobs. in very good condition. All for $15.00

7) Heathkit DX-100 Driver Coil - tapped for all the bands. Excellent.
Available for $12.00

8) EICO 1171 Decade Resistance box, excellent condition - $35.00

E-mail me for pictures or details.
Shipping is additional on all items above.

73 - Bry Carling, AF4K

1012. FS: MFJ-202 Noise Bridge

Yahoo group: heathkitnovicestations
Date: 2015-06-30 13:50:34 UTC
From: Bry Carling AF4K
Topic: 1012 Message: 1012

FOR SALE: MFJ-202 Noise Bridge

This noise bridge can be used with any radio. It is used to determine the value of unknown antenna impedance etc. A 9-v battery is used to power the noise bridge (not supplied). A manual for the model 202B is included.

Quickly adjust almost any antenna for maximum performance, 1 to 100 MHz.

Lengthen or shorten your antenna for minimum SWR. Measure resonant frequency, feedpoint resistance and reactance.

Works with any receiver or transceiver.

Hand-calibrated resistance scale, expanded capacitance range.

Dimensions: 4-1/4" Wide x 2" High x 4" Deep

Available for $35.00 plus shipping

1013. FS: FT241 Crystals (LF)

Yahoo group: heathkitnovicestations
Date: 2015-07-09 17:25:36 UTC
From: Bry Carling AF4K
Topic: 1013 Message: 1013

FOR SALE:

FT241 (CR4/U) Crystals suitable for converters, filters, BFOs
etc.

These are available for $12.00 each while they last:

200 kHz NO CH
376 kHz (3)
381 kHz (6)
390 kHz (281)
393 kHz (283)
400.1 kHz NO CH
409 kHz (21)
411 kHz (22)
413 kHz (23)
414 kHz NO CH
415 kHz (24) QTY 2
417 kHz (25)
441 kHz (38)
443 kHz (39)
444.4 kHz (24)
484 kHz (42)
450 kHz (43) QTY 3
450.1 kHz NO CH
472 kHz NO CH
475 kHz NO VH
478 kHz (344)
494 kHz (67)
500 kHz (270) QTY 2
502 kHz (71) QTY 2
507 kHz (74) QTY 2
512.5 kHz (369) QTY 2
513 kHz (77) QTY 3
533 kHz (384)
540 kHz NO CH
1233 kHz (888)
1258 kHz (906) QTY 3

73 de AF4K, Bry Carling

http://af4k.com/FT241_crystals.htm

Conversion information:
http://www.subdevo.com/ft241/

1014. FS: Amateur Radio Items and more

Yahoo group: heathkitnovicestations
Date: 2015-07-13 13:04:21 UTC
From: Bry Carling AF4K
Topic: 1014 Message: 1014

FOR SALE: Amateur Radio Items and Test Equipment

GAP TILT BASE for Vertical Antennas - New in Box - $35.00

Hallicrafters SX-99 Receiver, complete - $99.00
(two available)

Multi-Elmac AF67 Transmitter - needs work - make offer

Clegg 22er - Classic 144 MHz AM transceiver. Comes with a nice Astatic microphone and biult in 120V AC power supply - $75.00

RME45 Receiver - RARE and has an amazingly smooth, easy reduction drive DIAL. A unique receiver with classic and unusual ART DECO stying; they are very collectible. No cabinet. 120V AC operation - $125.00

Hallicrafters SR46A - very nice - $99.00
with HA26 VFO - $150.00

Gonset G-50 (Model 3221) 6m AM Transceiver
12 tubes, Frequency Range: 50.00 - 54.00 MHz
working condition, with manual. Built-in 120V AC supply.
Requires some partial re-assembly. Available for $125.00

AMECO converter 144 MHz to 28 MHz - $35.00

Brush BA106 microphone - $140.00

Heathkit SB-303 / SB-500 Cabinet, excellent - only $15.00

Heathkit Chart Recorder - $15.00

Heathkit QM-1 with coil and book "Q" Meter - Make offer

Heathkit HD-10 Paddles - (2) non working - make offer

Heathkit IG-18 Signal Generator with manual and articles $55.00

Heathkit IG-18 Signal Generator, no manual $45.00

Heathkit HD-1 Distortion Analyzer, with manual - make offer

CS137 Military crystal case - excellent condition - holds 120 standard FT243 crystals. Several available for $25.00 or two for $40.00

Pair of Crystals for BC611 set - 5500 / 5995 kHz - $32.00 + S/H
Pair of Crystals for BC611 set - 3885 / 4340 kHz - $32.00 + S/H
Pair of Crystals for BC611 set - 3880 / 4335 kHz - $32.00 + S/H
Pair of Crystals for BC611 set - 3870 / 4325 kHz - $32.00 + S/H

Crystal for 6m AM - FT243 type on 8400 kHz for 50.4 MHZ - $16.00 + S/H
Crystal for 2m AM - FT243 type on 8025 kHz for 144.450 MHZ - $16.00 + S/H

MFJ-201 Grid Dip Meter with all coils, NIB - $95.00

EICO Grid Dip Meters, excellent (2) - $75.00 each

HITACHI OScilloscope V211 - works - make offer

TEKTRONIX 465-B SCOPE - needs work - make offer

TEKTRONIX 109 Pulse Generator with accessories (for microwave calibration) -
MAKE OFFER

SIMPSON 713 Freq Counter 512 MHz - make offer

TOROTRON 0 - 5000V HIPOT Tester - make offer

HP3400A, RMS voltmeter, with manual, needs work - make offer

HP415B, SWR Meter, needs work - make offer

HP475 DC micro ameter, no probe - make offer

HP1725A SCOPE, with manual (AN/USM483) - needs work - make offer

HP 5381A Frequency Counter, untested - make offer
HP 5382A Frequency Counter, untested - make offer
(or counter offer!)

EICO TV-FM Sweep Generator, with crystal and 4 adapters, working - make offer

CORNELL-DUBILIER CAPACITOR ANALYZER - rare, in wooden case, works - make offer.

Please contact me off list to discuss details, pictures, shipping etc.

I will try to update the web poages with some more photos soon at:

http://af4k.com/radios.htm

http://af4k.com/testgear.htm

Regards - Brian Carling, Radio AF4K
AF4K Crystals Co.

1015. Classic Exchange this September

Yahoo group: heathkitnovicestations
Date: 2015-08-22 17:23:16 UTC
From: JAMES HANLON
Topic: 1015 Message: 1015

This is a reminder to all of you good folks that the Classic Exchange will be running again this September. In particular, the CW portion of the CX is set for Sunday, September 20 from 9 am EST to 3 am EST on Monday, September 21 AND on Tuesday, September 22 from 9 am EST to 3 am EST on Wednesday, September 23. The Tuesday-Wednesday is a new time slot that has just been added to the traditional CX time on Sunday.

The Phone portion of the CX is set for Sunday, September 27 from 9 am EST to 3 am EST on Monday, September 28 AND on Tuesday, September 29 from 9 am EST to 3 am EST on Wednesday, September 30. The Phone portion is open to all modes, AM, FM and SSB, and there are separate frequencies recommended for each mode.

In case you haven't heard of the CX, here's a short description from the web page at www.classicexchange.org . You can find a lot more information on the CX such as frequencies, scoring, the exchange, reports, and the CX Newsletter at that site. Click on SEPTEMBER 2015 CX ANNOUNCEMENT for details about the upcoming run.

"The CX is a no-pressure contest celebrating the older commercial and homebrew equipment that was the pride and joy of ham shacks many decades ago. The object is to encourage restoration, operation and enjoyment of this older Classic equipment.

However, you need not operate a Classic rig to participate in the CX. YOU MAY USE ANY RIG in the contest although new gear is a distinct scoring disadvantage.

You can still work the "great ones" with modern equipment.

There are new Bonus Scores for using the same model rigs as your Novice station and for using a Hallicrafters receiver with a two number identifier, e.g. S-38, SX-99 and for using a World Radio Lab (WRL) transmitter, e.g. Globe Scout 65."

I think it would be a good idea for those of us who are running our low power 1929 or WW2 transmitters on AM to set up a time and frequency schedule for participation in the CX. That would help everyone, both the QRP/OT folks and the "regular" AM ops to get together, and it might result in some interesting DX contacts for the QRP/OT guys. What say?

Jim Hanlon, W8KGI

1016. HW-7 hum

Yahoo group: heathkitnovicestations
Date: 2015-08-26 18:41:51 UTC
From: JAMES HANLON
Topic: 1016 Message: 1016

Y'all,

I'm currently running a HW-7 with its companion HWA-7-1 power supply. On 40 and 15 meters it sounds fine, but on 20 meters there is quite a bit of hum in the receiver. When I switch to a battery power supply, the hum goes away. this sounds like a case of "tunable hum" that results when the radiated signal from the receiver local oscillator gets back into the power line. Has anyone had this problem and done anything useful about it?

Thanks,

Jim Hanlon, W8KGI

1017. FS: Heathkit HD-10 Keyers etc.

Yahoo group: heathkitnovicestations
Date: 2015-08-31 20:24:51 UTC
From: Bry Carling AF4K
Topic: 1017 Message: 1017

FOR SALE:

Pair of Heathkit HD-10 Keyers in good condition, untested. These are from an estate sale and have not been checked out yet but seem fine. The paddles are included with these keyers. Schematic also included. Will sell the pair for $40.00 plus shipping.

ALSO: MFJ-201 Grid Dip Meter - like new in the original box, works fine.
Sold new for around $150 - $165. Available for $65.00 plus shipping.

73 - Bry AF4K

1018. FS: 120V AC Isolation Transformers

Yahoo group: heathkitnovicestations
Date: 2015-09-02 03:50:50 UTC
From: Bry Carling AF4K
Topic: 1018 Message: 1018

FOR SALE:

Isolation Transformer rated 1:1 for 120V AC to 120V AC at 12 amps continuous, 50 - 60 Hz. Excellent condition, and mounted in extra nice 14 gauge gray cabinet with ON-OFF breaker switch, rubber feet and 4 IEC outlets. This one is rated 1400VA - nice case, with cables. AC
Primary Cable and outlet adapter included. Excellent quality, excellent condition. Available for $49.00 each plus shipping. (4 available)

Please reply off the list.

Bry AF4K

1019. FS: BC610 - T368 - HT4 XTAL - 3510 kHz EXTRA

Yahoo group: heathkitnovicestations
Date: 2015-09-08 14:01:45 UTC
From: Bry Carling AF4K
Topic: 1019 Message: 1019

FOR SALE: 3510 kHz Crystal type FT171B - LARGE QUARTZ !!
Fully tested original antique crystal.
Works in a BC610 - T368 - HT4 XTAL at 3510 kHz or multiply to 7020, 14040 kHz etc.

Heavy duty crystal suitable for homebrew or experiments. Also come swith a socket if needed. We have many other FT171B crystals and sockets available for sale at web site below.

See pictures here:

http://af4k.com/imag/ham/FT171B_3510kHz_1.jpg

http://af4k.com/imag/ham/FT171B_3510kHz_2.jpg

3510 kHz FT171B Crystal Available for $19.00 plus shipping
FT171B Socket Available for $7.00 plus shipping

Please e-mail me off list to arrange purchase.
bcarling@...

73 - Brian, AF4K

See other FT171B items at:
http://af4k.com/FT171_crystals.htm

1020. RE: BC610 - T368 - HT4 XTAL - 3510 kHz EXTRA

Yahoo group: heathkitnovicestations
Date: 2015-09-08 19:40:30 UTC
From: Bry Carling AF4K
Topic: 1019 Message: 1020

The crystal has been sold. Thanks.

On 8 Sep 2015 at 10:01, 'Bry Carling AF4K' bcarling@c wrote:

>
>
>
>
> FOR SALE: 3510 kHz Crystal type FT171B - LARGE QUARTZ !!
> Fully tested original antique crystal.
> Works in a BC610 - T368 - HT4 XTAL at 3510 kHz or multiply to 7020, 14040 kHz etc.
>
> Heavy duty crystal suitable for homebrew or experiments. Also come swith a socket if
needed.
> We have many other FT171B crystals and sockets available for sale at web site below.
>
> See pictures here:
>
> http://af4k.com/imag/ham/FT171B_3510kHz_1.jpg
>
> http://af4k.com/imag/ham/FT171B_3510kHz_2.jpg
>
> 3510 kHz FT171B Crystal Available for $19.00 plus shipping
> FT171B Socket Available for $7.00 plus shipping
>
> Please e-mail me off list to arrange purchase.
> bcarling@...
>
> 73 - Brian, AF4K
>
> See other FT171B items at:
> http://af4k.com/FT171_crystals.htm
>
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1021. FS: EICO 710 Grid Dip Meters

Yahoo group: heathkitnovicestations
Date: 2015-09-10 10:01:17 UTC
From: Bry Carling AF4K
Topic: 1021 Message: 1021

For sale: EICO 710 Grid Dip Meters

Set of two in excellent condition, with one set of coils.

The EICO 710 GDO was one of the more successful tube-type, AC line powered, GDOs. It had a frequency range of 400kHz-250MHz in 8 overlapping ranges. Uses plug-in coils wound to a 0.5% accuracy on polystyrene forms. The EICO 710 GDO uses a 1:7 planetary drive on the tuning capacitor. It uses a 6AF4A in a Colpitts oscillator circuit. It is transformer-operated,
and uses about 10W of AC power.

Dimensions for the EICO 710 GDO are: 2.25" high; 2.6" wide; & 6.9" long. It weighs approximately 3 lbs. The exterior is Silver and Grey wrinkle finish.

Details on line at:
http://w5jgv.com/downloads/EICO%20710%20Grid%20Dip%20Meter%20Manual.pdf

These are complete, in excellent,working condition with no damage.

Available for only $40.00 each plus $25.00 for the coils, original manual $10.00

Complete package including original manual only $90.00 plus shipping.

E-mail me off list to arrange purchase.

73 - Brian Carling, AF4K

1022. FS: Estate Radios and Test Equipment

Yahoo group: heathkitnovicestations
Date: 2015-09-14 12:55:35 UTC
From: Bry Carling AF4K
Topic: 1022 Message: 1022

FOR SALE: Amateur Radio Estate Items and Test Equipment

Heathkit SB-303 / SB-500 Cabinet, excellent - only $15.00
Heathkit Chart Recorder - $15.00
Heathkit IG-18 Signal Generator with manual and articles $55.00
Heathkit IG-18 Signal Generator, no manual $45.00

CS137 Military crystal case - excellent condition - holds 120 standard FT243 crystals.
Two available for $15.00 each, or two for $40.00

Hallicrafters SX-99 Receiver - needs minor work $75.00

Multi-Elmac AF67 Transmitter AM/CW - needs work - make offer

Gonset G-50 (Model 3221) 6m AM Transceiver
12 tubes, Frequency Range: 50.00 - 54.00 MHz
EXcellent working condition, with manual. Built-in 120V AC supply.
Requires some minor re-assembly. Available for $99.00

Brush BA106 microphone - $140.00

Pair of Crystals for BC611 set - 5500 / 5995 kHz - $32.00 + S/H
Pair of Crystals for BC611 set - 3885 / 4340 kHz - $32.00 + S/H
Pair of Crystals for BC611 set - 3880 / 4335 kHz - $32.00 + S/H
Pair of Crystals for BC611 set - 3870 / 4325 kHz - $32.00 + S/H
Crystal for 6m AM - FT243 type on 8400 kHz for 50.4 MHZ - $16.00 + S/H
Crystal for 2m AM - FT243 type on 8025 kHz for 144.450 MHZ - $16.00 + S/H

EICO Grid Dip Meters, excellent (2)
with one set of coils. Available for $75.00 and $35.00 or $99 for BOTH

TEKTRONIX 465-B Oscilloscope - needs work - make offer
TEKTRONIX 109 Pulse Generator with accessories (for microwave calibration) -
MAKE OFFER
SIMPSON 713 Freq Counter 512 MHz - make offer
TOROTRON 0 - 5000V HIPOT Tester - make offer
HP3400A, RMS voltmeter, with manual, needs work - make offer
HP415B, SWR Meter, needs work - make offer
HP475 DC micro ameter, no probe - make offer
HP1725A SCOPE, with manual (AN/USM483) - needs work - make offer
HP 5381A Frequency Counter, untested - make offer
HP 5382A Frequency Counter, untested - make offer
EICO TV-FM Sweep Generator, with crystal and 4 adapters, working - make offer

Please contact me off list to discuss details, pictures, shipping etc.
I will try to update the web pages with some more photos soon at:
http://af4k.com/radios.htm

http://af4k.com/testgear.htm

Regards - Bry Carling, AF4K

1023. FS: Antique Vibroplex key

Yahoo group: heathkitnovicestations
Date: 2015-09-15 14:15:17 UTC
From: Bry Carling AF4K
Topic: 1023 Message: 1023

FOR SALE: Ancient Vibroplex Bug

SERIAL number 86595 dated from 1922

Complete and in very good condition. Nice original rubber feet etc.
All parts present and accounted for. This is a working, complete bug key that is highly collectable.

Available for $145.00 plus shipping

Pictures and details available on request.

73 - Bry, AF4K

1024. FS: Tubes

Yahoo group: heathkitnovicestations
Date: 2015-09-18 14:46:12 UTC
From: Bry Carling AF4K
Topic: 1024 Message: 1024

FOR SALE:

All good tested used tubes. Some look new.

QTY FOUR EL34 / 6CA7 tubes by JJ - super brand, nearly new - maybe 4 hours on them.
Perfect shape - $9.00 each

5Z3 rectifier (4 pin base) - Cunningham, used $6.00

5V4 Rectifier, RCA good, used - $6.00

5881 TUNG SOL original - $12.00

6DQ5 tube RCA exc. - $4.00

6146B Tube, General Electric, USA MADE - good used - $18.00

In each case I have on;ly ONE tube available. (other than the 6CA7s)

Save money on shipping by buying multiple tubes.
Pleasae contact me off list to arrange purchase.

73 & thanks for looking - Bry Carling, AF4K

http://af4k.com/crystals.htm

1025. FS: Two Bugs for CW ops

Yahoo group: heathkitnovicestations
Date: 2015-09-18 17:58:55 UTC
From: Bry Carling AF4K
Topic: 1025 Message: 1025

FOR SALE: Two Bug Keys

1) Vibroplex - complete and in nice working condition, gray base with shorting bar
Serial number
Available for $125.00

2) SPEED X Bug in super nice condition with a presentation case.
Available for $145.00 plus shipping.

Pictures and details available on request.

73 - Bry Carling, AF4K

1026. FS: Heathkit HO-13 Hamscan

Yahoo group: heathkitnovicestations
Date: 2015-09-26 11:11:16 UTC
From: Bry Carling AF4K
Topic: 1026 Message: 1026

FOR SALE: Heathkit HO-13 moinitor scope - Panoramic display.

IF panorama-adapter for Heathkit and other brand receivers (10 different input frequencys between 455 kHz and 3395 kHz selectable). Sweep wide 15/30 - 100 kHz, sweep frequency 10 - 50 Hz, resolution 2 kHz.
Has 8 tubes.

Dimensions: 7.75 x 5.25 x 11 inch / 197 x 133 x 279 mm

Immaculate and similar to the one seen here:
http://www.ohio.edu/people/postr/MRT/Hea_HO13.JPG
Actual pictures available on request.

Will sell for $79.00 plus shipping

1027. FS: Panel Meters for Heathkit VTVM

Yahoo group: heathkitnovicestations
Date: 2015-09-26 11:28:38 UTC
From: Bry Carling AF4K
Topic: 1027 Message: 1027

FOR SALE: Heathkit Panel Meters as used in VTVM.

I have two of these for sale. One is excellent. The other is used, and has a very small crack.
0 - 200 uA FSD. They are used in the V-6, V-7A, and IM-18 VTVM and others

The scales are 0 - infinity ohms
0 - 15 DC V
0 - 50 AC V
-10 dB - 0 - +5 dB
The IM-18 one also has:
0 - 40 p-p
0 - 150 p-p

Will sell the pair for $22.00 plus shipping.

1028. FS: Heathkit VTVM model V-6 complete

Yahoo group: heathkitnovicestations
Date: 2015-09-26 11:42:35 UTC
From: Bry Carling AF4K
Topic: 1028 Message: 1028

FOR SALE: Heathkit VTVM model V-6 complete

All original - 120V AC operation
No probes included. You supply those.

Worth asking price for parts alone.

Available for $10.00 plus shipping

Pictures available on request

73 de AF4K, Bry

1029. FS: Original Crystals

Yahoo group: heathkitnovicestations
Date: 2015-10-09 11:50:07 UTC
From: Bry Carling AF4K
Topic: 1029 Message: 1029

```
FOR SALE: Original Crystals
Old stock crystals, from the tube era - not reworked.
Fully tested. Available as follows:

FT243
1990 kHz QTY 1 - $18.00
3535 kHz (AX2 case) QTY 1 - $16.00
3550 kHz QTY 1 - $18.00
3595 kHz QTY 1 - $16.00
3642 kHz QTY 1 - $16.00
3655 kHz QTY 1 - $12.00
3680 kHz QTY 1 - $12.00
3735 kHz QTY 1 - $16.00
3797 kHz QTY 1 - $16.00
3805 kHz QTY 1 - $16.00
3820 kHz QTY 2 - $16.00 ea.
3835 kHz QTY 1 - $16.00
3855 kHz QTY 1 - $12.00 ea.
3937 kHz QTY 1 - $16.00
3955 kHz QTY 3 - $12.00 ea.

7025 kHz QTY 1 - $16.00
7050 kHz QTY 1 - $16.00
7075 kHz QTY 1 - $16.00
7100 kHz QTY 2 - $16.00 ea.
7150 kHz QTY 1 - $12.00
7173.3 kHz QTY 1 - $12.00
7175 kHz QTY 4 - $12.00
7183.1 kHz QTY 1 - $12.00
7200 kHz QTY 2 - $12.00
7225 kHz QTY 2 - $12.00

7400 kHz (29.6 MHz FM) QTY 1 - $16.00

8025 kHz (144.450 MHz AM) QTY 3 - $16.00 ea

8350 kHz ( 50.100 MHz) QTY 2 - $16.00
8375 kHz ( 50.250 MHz) QTY 2 - $16.00
8425 kHz ( 50.550 MHz) QTY 2 - $16.00
8450 kHz ( 50.700 MHz) QTY 2 - $16.00
8475 kHz ( 50.850 MHz) QTY 2 - $16.00
8500 kHz ( 51.000 MHz) QTY 2 - $16.00

50.088 MHz QTY 1 - $16.00
50.142 MHz QTY 1 - $16.00
50.166 MHz QTY 1 - $16.00
```

50.238 MHz QTY 1 - $16.00
50.334 MHz QTY 1 - $16.00
50.250 MHz QTY 1 - $16.00

CR1/A
7002.8 kHz QTY 1 - $16.00
7010 kHz QTY 1 - $16.00

hc6u
1400 kHz (AM BCB) QTY 1 - $16.00
3680 kHz QTY - $12.00
22.895 MHz Heathkit QTY 1 - $16.00

FT171-B
3995 kHz for BC610 - QTY 1 - $19.00

Others available on many frequencies. See:
http://af4k.com/crystals.htm

Contact me off the list please at:
bcarling@...

73 de AF4K, Bry

1030. FS: Radio & electronic items

Yahoo group: heathkitnovicestations
Date: 2015-10-09 17:54:17 UTC
From: Bry Carling AF4K
Topic: 1030 Message: 1030

FOR SALE:

Gonset G-50 (Model 3221) 6m AM Transceiver "kit."
12 tubes, Frequency Range: 50.00 - 54.00 MHz
working condition, with manual. Built-in 120V AC supply.
Requires some partial re-assembly. Reduced to $99.00

AMECO converter 144 MHz to 28 MHz - Reduced to $24.00
(one tube and crystal missing)

Brush BA106 microphone - $140.00

Heathkit IG-18 Signal Generator with manual and articles $55.00
Heathkit IG-18 Signal Generator, no manual $45.00

Contact me off the list for details, pictures etc. if needed.

Bry Carling, AF4K

1031. FS: KW Isolation Transformer

Yahoo group: heathkitnovicestations
Date: 2015-10-15 15:29:48 UTC
From: Bry Carling AF4K
Topic: 1031 Message: 1031

FOR SALE:

Isolation Transformer rated 1:1 for 120V AC to 120V AC at 12 amps continuous, 50 - 60 Hz. Excellent condition, and mounted in extra nice 14 gauge gray cabinet with ON-OFF breaker switch, rubber feet and 4 IEC outlets. This one is rated 1400VA - nice case, with cables. AC
Primary Cable and outlet adapter cable included. Excellent quality, excellent condition. Available for $49.00 plus shipping.

Pictures and details are available on request. Please reply off the list.

Please reply off the list.

Bry AF4K

1032. SB-104 - Driver OK, Blown Finals

Yahoo group: heathkitnovicestations
Date: 2015-10-19 14:12:44 UTC
From: Gary MacGregor (KF5DZQ)
Topic: 1032 Message: 1032

Hey Guys,
I have been lurking in this Heathkit group for sometime. Occasionally with input.
I recently scored a very clean SB-104 with matching speaker.
The previous owner said "it was working the last time I used it", but did admit the finals are now blown,
but it can be used QRP style for now.

I am choosing to fix it, do all the voltage tests, frequency tests and alignment per the instruction manual before she goes on the air.
I will be downloading and printing a schematic today (if readily available).
I have a degree in Electronics and Communications Servicing, although I willingly handcuffed myself to the 20-20khz frequency spectrum for over 30 years before getting my ham license. So, now I have to clean out the dust bins in my mind, because when the electrons start jumping off the wire versus going through and 8 Ohm load, the laws of physics start to change a little.

I am all to familiar with dried up caps, resistors changing tolerance, noisy pots and the wonderful clean air here in Corpus Christi, Texas that is equivalent to battery acid when metal is exposed to it.

My questions are.....

For this particular model, what quirks can I expect?
what is the list of common failures?
and what improvements can be made?

Please advise.

--
Thank you,
Gary MacGregor
KF5DZQ
Cell 361-947-5665
Visit http://southtexashamfest.org/ <http://southtexashamfest.org/> Texas Fastest Growing Hamfest
http://www.alienpartscompany.com/ham.html
http://www.radiobrackets.com/ - Coming Soon
http://www.hamfest73.com/ - Coming Soon
http://www.macgregorservices.com/radio/kf5dzq.html - under construction

Sent from my Commodore Vic 20

1033. FS: Two Antenna Rotators

Yahoo group: heathkitnovicestations
Date: 2015-10-20 21:43:09 UTC
From: Bry Carling AF4K
Topic: 1033 Message: 1033

FOR SALE:

Two Antenna Rotators

1) Radio Shack TV Antenna Rotator - ideal for a VHF array or smaller HF beam such as mini beam, rotary dipole etc. Excellent condition. Looks like it may never have been used. Available for $50.00 plus shipping.

2) Channel Master TV Antenna Rotator - also ideal for a VHF array or smaller HF beam such as mini beam, rotary dipole etc. Excellent, new condition. This one is new in the box and has
been in storage for s or 4 years. Available for $50.00 plus shipping.

Contact me off the list, via:
bcarling@...

Thanks & 73 - Bry AF4K

1034. FS: Heathkit QM-1 Meter

Yahoo group: heathkitnovicestations
Date: 2015-10-21 19:32:19 UTC
From: Bry Carling AF4K
Topic: 1034 Message: 1034

FOR SALE

Heathkit QM-1 meter in excellent condition with original manual
Beautifully cared for by a gentleman who worked at a calibration lab.

Tests components at operating frequency-150 kc to 18 mc
Large 4½" 50 ua meter-easy to read dial scales
Measures Q, L, and distributed capacity of coils
No special alignment equipment required-test coil and manual included
Metered oscillator output for constant injection

The Q meter is not just a "prestige" instrument to be dusted off each morning when opening the shop or lab. It is fully capable of performing many tasks in a matter of minutes that ordinarily require considerable mechanical and mathematical dexterity. Originally a Q meter
was out of financial reach of the average service shop but now Heathkit ingenuity has brought it into line.

Suspected components and parts being developed or manufactured can be tested at frequencies at which they normally are used (150 kc to 18 mc). Wide ranges of inductance, capacitance and Q will cover practically all values encountered. All indications are read directly on a large 4½", 50 microampere, panel-mounted meter. Surprisingly easy to use, the model QM-1 will take the guesswork out of your electronic efforts.

The Heathkit Q Meter uses a 12AT7 oscillator with pre-wound coils to obtain the full frequency range on four bands. Oscillator output is metered to provide constant injection. A
complete VTVM circuit is used as a resonance indicator, using a 6AL5 twin diode and a 12AU7 VTVM amplifier. Voltage regulated and transformer operated power supply utilizes a 6X5 full wave rectifier and an OD3 regulator tube. All other components are of the highest quality.

Behind the attractive charcoal gray panel with white lettering is a well laid out and factory-formed chassis. No "extras" are required to build or operate this instrument. A special
test coil is provided for calibration purposes.

Specifications: Frequency: 150 kHz to 18 MHz on 4 bands. Inductance: 1 microhenry to 10 millihenrys. Q: 250 Full scale x 1 or x 2. Capacitance: Actual 40 mmf-450 mmf; Effective 40 mmf-400 mmf; Vernier ± 3 mmf. Tubes: 1-12AT7, 1-6AL5, 1-12AU7, 1-6X5, 1-0D3/VR150.

Power Requirements: 105-125 VAC, 50-60 cycles, 30 watts.

Dimensions: 8" high x 17" wide x 6" deep.

Complete with manual etc.
Available for $90.00 plus shipping.

Please contact me off the list to arrange purchase or for pictures, details etc.

73 - Brian Carling, AF4K

1035. FS: Weller Soldering Station

Yahoo group: heathkitnovicestations
Date: 2015-10-30 21:04:34 UTC
From: Bry Carling AF4K
Topic: 1035 Message: 1035

FOR SALE: Weller Soldering Station MP-101

With MP106 pencil, ideal for small work on circuitboards, including SMT devices etc. etc.

Excellent condition. 120V AC operation, fully tested and clean condition.

Available for $50.00 plkus shipping.

Pictures available on request.

73 de AF4K, Bry

1036. FS: 160m Crystals - $5.00 and up

Yahoo group: heathkitnovicestations
Date: 2015-11-12 12:56:00 UTC
From: Bry Carling AF4K
Topic: 1036 Message: 1036

FOR SALE: 160m Amateur Band Crystals - $5.00 and up

Winter is coming!

1800 kHz hc6u - $5.00 ea
1849 kHz hc6u (qty 9) - $5.00 ea
1908.125 kHz hc6u - $5.00 ea
1927.8 kHz hc6u - $5.00 ea
1929.1 kHz hc6u - $5.00 ea
1931.9 kHz hc6u - $5.00 ea
1932 kHz hc6u (qty 5) - $5.00 ea
1942 kHz hc6u (qty 6) - $5.00 ea
1944 kHz hc6u (qty 3) - $6.00 ea
1945 kHz hc6u (qty 5) - $7.00 ea
1994 kHz hc6u - $5.00 ea

These and many other amateur band crystals, FT243 and hc6u types are available for ordering on line at:

http://af4k.com/hc6ucrystals1500-1999khz.htm

http://af4k.com/crystals.htm

73 de AF4K, Brian Carling

1037. FS: Heathkit IG-18 Signal Generator

Yahoo group: heathkitnovicestations
Date: 2015-11-13 14:58:18 UTC
From: Bry Carling AF4K
Topic: 1037 Message: 1037

FOR SALE:

Extra nice Heathkit IG-18 Signal Generator
This Sine/Square Wave Audio Generator IG-18 came on the market in 1969 and was produced until 1975. The assembled version IGW-18 was replaced by the SG-18A in the early 70's. They were replaced by the IG-5218 in 1977 and was produced until 1990. They were all very similar. The difference between them is mostly about the look and color. The IG-18 / IGW-18 was brown and beige colored, the SG-18A was black and white colored and the IG-5218 was blue and white colored. In the 1/1971 issue of The Audio Amateur magazine had an article.

Detailed specifications may be found here:
http://www.rsp-italy.it/Electronics/Kits/_contents/Heathkit/Kits/Heathkit%20IG-18%20Sine%20
square%20audio%20generator.pdf
Comes with original manual and and some reprints of technical articles.
Belonged to a SK calibration lab engineer and looks pristine.
Available for $45.00 plus shipping
73 - Bry AF4K

1038. FS: 3BP1 Cathode Ray Tube (CRT)

Yahoo group: heathkitnovicestations
Date: 2015-11-22 20:04:17 UTC
From: Bry Carling AF4K
Topic: 1038 Message: 1038

OR SALE: One 3BP1 Cathode Ray Tube (CRT)

As used in various oscilloscopes, monitor scopes etc.

QTY 1 for sale in good working coindition.
Maybe new. Not in the original packaging.

Available for $24.00 plus shipping

73 - Brian Carling, AF4K

1039. FS: Heathkit SB-10 SSB adapter

Yahoo group: heathkitnovicestations
Date: 2015-12-02 04:02:42 UTC
From: Bry Carling AF4K
Topic: 1039 Message: 1039

FOR SALE: Heathkit SB-10 SSB adapter / generator.

Excellent condition. Looks new

$95.00 plus shipping

Bry Carling, AF4K

1040. FS: More nice Heathkits!

Yahoo group: heathkitnovicestations
Date: 2015-12-03 23:20:14 UTC
From: Bry Carling AF4K
Topic: 1040 Message: 1040

FOR SALE - several Heathkit Items!

Heathkit HD1 - Harmonic Distortion Analyzer - excellent.
ypically $25 to $60 on eBay.
Available for $15.00
With Manual for $24.00

Heathkit IM17 Voltmeter - excellent - looks new.
http://www.heathkit.nu/heathkit_nu_IM-17.html
With probes and carry case - typically $30 to 65 on eBay
Available for $25.00 plus shipping

Heathkit MT1 Transmitter - looks very good - $75.00
Heathkit UT1 power supply for use with the MT1
on 120V AC - very nice - $45.00
Both together for $110.00 plus shipping

Heathkit SB10 SSB Generator - looks excellent - $95.00

Shipping additional for all the above.

Some of these have pictures at:
http://af4k.com/radios.htm

Other pictures and details on request.

73 de AF4K, Brian Carling

1041. FS: DX60 Power Transformer

Yahoo group: heathkitnovicestations
Date: 2015-12-11 18:23:33 UTC
From: Bry Carling AF4K
Topic: 1041 Message: 1041

For Sale: Heathkit DX60 Power Transformer

Very clean, working condition. Looks like new.

Available for $27.00 plus shipping.

Picture available at:
http://af4k.com/miscpart.htm

I will soon have some other useful Heathkit items available, along with some other cool radios, accessories, test equipment etc.

73 - Bry AF4K

1042. FS: OHMITE resistors in cabinet

Yahoo group: heathkitnovicestations
Date: 2015-12-15 12:40:42 UTC
From: Bry Carling AF4K
Topic: 1042 Message: 1042

FOR SALE: OHMITE Resistor Package Deal

Here is an old fashioned OHMITE cabinet full of resistors. All sizes, Many half watt, several 1
watts, 2 watt and 1/4 watt also. There must be several thousand resistors here, all new and with full length leads. There is an additional bag with many more resistors. Will sell the entire
package for $25.00 plus shipping.

Pictures and details at:
http://af4k.com/miscpart.htm

A few other newly listed, cool items at:
http://af4k.com/radios.htm

73 de AF4K, Bry Carling

1043. Re: [Heathkit] FS: OHMITE resistors in cabinet

Yahoo group: heathkitnovicestations
Date: 2015-12-15 14:31:10 UTC
From: Bry Carling AF4K
Topic: 1042 Message: 1043

Thank you to all inquiring, sorry but the resistors have been sold.

Bry Carling AF4K

http://af4k.com/miscpart.htm

On 15 Dec 2015 at 7:40, Bry Carling AF4K wrote:

> FOR SALE: OHMITE Resistor Package Deal
>
> Here is an old fashioned OHMITE cabinet full of resistors. All sizes, Many half watt, several 1
> watts, 2 watt and 1/4 watt also. There must be several thousand resistors here, all new and
> with full length leads. There is an additional bag with many more resistors. Will sell the entire
> package for $25.00 plus shipping.
>
> Pictures and details at:
> http://af4k.com/miscpart.htm
>
> A few other newly listed, cool items at:
> http://af4k.com/radios.htm
>
> 73 de AF4K, Bry Carling
>
>
>
> ----------
> Heathkit mailing list
> Home: http://mailman.qth.net/mailman/listinfo/heathkit
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Heathkit@...
>
> List Administrator: Duane Fischer, W8DBF
> ** For Assistance: dfischer at usol.com **
>
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html

1044. FS: Heathkit Parts HO-10

Yahoo group: heathkitnovicestations
Date: 2015-12-19 11:41:48 UTC
From: Bry Carling AF4K
Topic: 1044 Message: 1044

FOR SALE - Heathkit HO-10 monitor scope.

If anyone could use it - I have a SPARE Heathkit HO-10 for sale.
I think it uses the same red knobs as are on the DX100B concentric loading controls etc. (VERY hard to find!)
It would need some repairs - a couple of the controls are bent. From an estate, so not sure what else is needed. A good parts source for sure. Available for parts at $25.00 plus shipping.
Pictures and details at:
http://af4k.com/miscpart.htm
73 de AF4K, Bry

1045. Re: [heathkitnovicestations] Novice Rig Roundup!

Yahoo group: heathkitnovicestations
Date: 2016-02-07 23:57:06 UTC
From: <w7dra@...>
Topic: 948 Message: 1045

just got back fron a cruise - seems to have not missed the NRR (so far)

have to go check out the CBLA freq this evening (0600z)

mike w7dra

_____
Get up to a $500 bonus
with a qualifying deposit to an Ally IRA from outside Ally Bank
http://thirdpartyoffers.juno.com/TGL3141/56b7da0eda2465a0e4f3cst04vuc

1046. TEST!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 15:58:32 UTC
From: Bob Macklin
Topic: 1046 Message: 1046

Just a TEST message. I'm going to try and generate new interest in this group.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1047. Re: [heathkitnovicestations] TEST!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 16:36:31 UTC
From: Bob Macklin
Topic: 1046 Message: 1047

Second TEST!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Bob Macklin macklinbob@... [heathkitnovicestations]
To: Heath Novice Stations
Sent: Tuesday, March 29, 2016 8:58 AM
Subject: [heathkitnovicestations] TEST!

Just a TEST message. I'm going to try and generate new interest in this group.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1048. Re: [heathkitnovicestations] TEST!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 16:38:03 UTC
From: Richard AG5M
Topic: 1046 Message: 1048

Your tests are good Bob. I'd like to see renewed interest in the group too.
73, Richard AG5M

On Tue, 3/29/16, Bob Macklin macklinbob@... [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:

Subject: Re: [heathkitnovicestations] TEST!
To: heathkitnovicestations@yahoogroups.com
Date: Tuesday, March 29, 2016, 9:36 AM

Second
TEST!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

----- Original Message -----

From:
Bob Macklin
macklinbob@... [heathkitnovicestations]
To: Heath
Novice Stations

Sent: Tuesday, March
29, 2016 8:58
AM
Subject:
[heathkitnovicestations]
TEST!

Just a TEST message.
I'm going to try and
generate new interest in this group.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

1049. Re: [heathkitnovicestations] TEST!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 17:14:36 UTC
From: Bob Macklin
Topic: 1046 Message: 1049

Hi Richard,

With the development of the NRR group there should be a way to get this group active again.

Last weekend I was able to repair my SX-111. Sorry it's not a Heathkit but I need ed to get a better receiver operational so I can get back to my HR-10.

A couple years ago I got a Heathkit HR-1680. I think it was Heathkit's last NOVICE receiver. It seems pretty good. It is definitely better than the HR-10. I would like to get the matching HX-1681 transmitter.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Richard AG5M ag5m@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 9:38 AM
Subject: Re: [heathkitnovicestations] TEST!

Your tests are good Bob. I'd like to see renewed interest in the group too.
73, Richard AG5M

On Tue, 3/29/16, Bob Macklin macklinbob@... [heathkitnovicestations]
<heathkitnovicestations@yahoogroups.com> wrote:

Subject: Re: [heathkitnovicestations] TEST!
To: heathkitnovicestations@yahoogroups.com
Date: Tuesday, March 29, 2016, 9:36 AM

Second
TEST!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

----- Original Message -----

From:
Bob Macklin
macklinbob@... [heathkitnovicestations]
To: Heath
Novice Stations

Sent: Tuesday, March
29, 2016 8:58
AM
Subject:
[heathkitnovicestations]
TEST!

Just a TEST message.
I'm going to try and
generate new interest in this group.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

1050. Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 18:24:15 UTC
From: Bob Macklin
Topic: 1050 Message: 1050

How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs.

Does everyone know about the NRR?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1051. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 19:02:48 UTC
From: w7dra@juno.com
Topic: 1050 Message: 1051
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1052. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 19:30:06 UTC
From: Glen Zook
Topic: 1050 Message: 1052

I still have a DX-20 and a DX-35. Although not, technically, a Novice rig, I recently acquired an HX-20 mobile SSB/CW transmitter and the matching HR-20 mobile receiver. Have both of them restored and have made some contacts on 40-meters and 20-meters. Also have the AM mobile equipment, a MT-1 Cheyenne transmitter and the MR-1 Comanche receiver.

Also have a number of other Heath radios:

http://nebula.wsimg.com/4298c6e0cf22eac24332ea19c7d81f98?AccessKeyId=5DDC3F25F0398F58962E&disposition=0&alloworigin=1

http://nebula.wsimg.com/f2b351bc4ef481ade9a730bb87f7d997?AccessKeyId=5DDC3F25F0398F58962E&disposition=0&alloworigin=1

Glen, K9STH
Website: http://k9sth.net

From: "'w7dra@...m' w7dra@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 2:02 PM
Subject: Re: [heathkitnovicestations] Status Check!

i have my olde not used much anymore hw16 and hg10 down at my daughters in aberdeen going to hook it up for using whin i am working in aberdeen....soon

1053. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 19:42:44 UTC
From: Adrian Flynn
Topic: 1050 Message: 1053

Still reading, but not active on air.

Adrian KF7DYU
On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@...
[heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

>
>
> How many people are still reading this list. I'd like to try and get some
> more interest in the Heathkit Novice rigs.
>
> Does everyone know about the NRR?
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
>

1054. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 19:50:53 UTC
From: Bob Macklin
Topic: 1050 Message: 1054

Adrian,

Do you think about getting active on the air?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 12:42 PM
Subject: Re: [heathkitnovicestations] Status Check!

Still reading, but not active on air.

Adrian KF7DYU

On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com> wrote:

How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs.

Does everyone know about the NRR?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1055. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 19:49:45 UTC
From: Bob Macklin
Topic: 1050 Message: 1055

Glen

You make me JELOUSE!

I used to have the MR-1/MT-1 as well as the HX-20/HR-20. But they would not fit in a modern automobile!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Glen Zook gzook@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 12:30 PM
Subject: Re: [heathkitnovicestations] Status Check!

I still have a DX-20 and a DX-35. Although not, technically, a Novice rig, I recently acquired an HX-20 mobile SSB/CW transmitter and the matching HR-20 mobile receiver. Have both of them restored and have made some contacts on 40-meters and 20-meters. Also have the AM mobile equipment, a MT-1 Cheyenne transmitter and the MR-1 Comanche receiver.

Also have a number of other Heath radios:

http://nebula.wsimg.com/4298c6e0cf22eac24332ea19c7d81f98?AccessKeyId=5DDC3F25F0398F58962E&disposition=0&alloworigin=1

http://nebula.wsimg.com/f2b351bc4ef481ade9a730bb87f7d997?AccessKeyId=5DDC3F25F0398F58962E&disposition=0&alloworigin=1

Glen, K9STH

Website: http://k9sth.net

From: "'w7dra@...' w7dra@juno.com [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 2:02 PM
Subject: Re: [heathkitnovicestations] Status Check!

i have my olde not used much anymore hw16 and hg10 down at my daughters in aberdeen going to hook it up for using whin i am working in aberdeen....soon

1056. RE: Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 19:59:58 UTC
From: Jacoby, M G
Topic: 1050 Message: 1056

I have a recently acquired HR-10B on the bench here at work and I'm giving it a little tune up to get back on 40. It was in decent shape electrically. Just one bad tube in the crystal calibrator and very noisy pots.

The band selector switch is very hard to turn. Has anyone successfully lubed one?

Mike Jacoby
N3MA Bristow, VA

From: heathkitnovicestations@yahoogroups.com
[mailto:heathkitnovicestations@yahoogroups.com]
Sent: Tuesday, March 29, 2016 2:24 PM
To: Heath Novice Stations <heathkitnovicestations@...m>
Subject: EXTERNAL: [heathkitnovicestations] Status Check!

How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs.

Does everyone know about the NRR?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1057. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 20:14:27 UTC
From: Adrian Flynn
Topic: 1050 Message: 1057

I have been trying to for the last 5 years, but health problems keep
getting in the way. In the last 4 years I have spent almost a year in the
hospital or in bed recovering from surgery or illness.
I turned 70 this month and im in a small apt. now where there isnt much
room for mote than a HT but will try to get on,
I havent looked yet but am going to see if I can get to a VE somplace and
take my general, I have wanted it since I was KN7SVA in 63/64 but health
got in the way then also.

Adrian KF7DYU
On Mar 29, 2016 3:51 PM, "Bob Macklin macklinbob@...
[heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

>
>
> ☐
> Adrian,
>
> Do you think about getting active on the air?
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> *From:* Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
> <ADRIANJAMESFLYNN@...+[heathkitnovicestations]>
> *To:* heathkitnovicestations@yahoogroups.com
> *Sent:* Tuesday, March 29, 2016 12:42 PM
> *Subject:* Re: [heathkitnovicestations] Status Check!
>
>
>
> Still reading, but not active on air.
>
> Adrian KF7DYU
> On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@...
> [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:
>
>>
>>
>> How many people are still reading this list. I'd like to try and get some
>> more interest in the Heathkit Novice rigs.
>>

>> Does everyone know about the NRR?
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>>
>>
>

1058. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 20:20:01 UTC
From: Bob Macklin
Topic: 1050 Message: 1058

I have a HW-16 that needs restoration. It has several undocumented mods. I guess this was quite common.

When I rebuild it I am thinking of changing the final to a 6L6 and using it as a LOW POWER transmitter.

The first step on this restoration is rebuilding the power supply. If I am going to use the 6L6 then I need to eliminate the voltage doubler HV supply.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Glen Zook gzook@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 12:30 PM
Subject: Re: [heathkitnovicestations] Status Check!

I still have a DX-20 and a DX-35. Although not, technically, a Novice rig, I recently acquired an HX-20 mobile SSB/CW transmitter and the matching HR-20 mobile receiver. Have both of them restored and have made some contacts on 40-meters and 20-meters. Also have the AM mobile equipment, a MT-1 Cheyenne transmitter and the MR-1 Comanche receiver.

Also have a number of other Heath radios:

http://nebula.wsimg.com/4298c6e0cf22eac24332ea19c7d81f98?AccessKeyId=5DDC3F25F0398F58962E&disposition=0&alloworigin=1

http://nebula.wsimg.com/f2b351bc4ef481ade9a730bb87f7d997?AccessKeyId=5DDC3F25F0398F58962E&disposition=0&alloworigin=1

Glen, K9STH

Website: http://k9sth.net

From: "'w7dra@...' w7dra@juno.com [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 2:02 PM
Subject: Re: [heathkitnovicestations] Status Check!

i have my olde not used much anymore hw16 and hg10 down at my daughters in aberdeen going to hook it up for using whin i am working in aberdeen....soon

1059. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 20:31:57 UTC
From: Bob Macklin
Topic: 1050 Message: 1059

Adrian,

Do you currently have a Tech ticket?

But even a Novice can operate where we do for the NRR.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 1:14 PM
Subject: Re: [heathkitnovicestations] Status Check!

I have been trying to for the last 5 years, but health problems keep getting in the way. In the last 4 years I have spent almost a year in the hospital or in bed recovering from surgery or illness.
I turned 70 this month and im in a small apt. now where there isnt much room for mote than a HT but will try to get on,
I havent looked yet but am going to see if I can get to a VE somplace and take my general, I have wanted it since I was KN7SVA in 63/64 but health got in the way then also.

Adrian KF7DYU

On Mar 29, 2016 3:51 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

□

Adrian,

Do you think about getting active on the air?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 12:42 PM
Subject: Re: [heathkitnovicestations] Status Check!

Still reading, but not active on air.

Adrian KF7DYU

On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs.

Does everyone know about the NRR?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1060. Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 20:36:16 UTC
From: JAMES HANLON
Topic: 1060 Message: 1060

Bob,

You might want to consider putting a 2E26 into your HW-16 rather than a 6L6. The 2E26 base is wired the same as a 6146, and it was designed to be an RF tube rather than an audio tube like the 6L6. Among other things it would probably be a lot more stable and less prone to going into self-oscillation than the 6L6.

Jim Hanlon, W8KGI

1061. Re: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 20:44:50 UTC
From: Bob Macklin
Topic: 1060 Message: 1061

Jim,

I was think about the 6L6 because that is what was used in the AT-1.

And there are many 6L6 designs in the old ARRL handbooks.

But I am familiar with the 2E26. And I do have ONE!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: JAMES HANLON knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations
Sent: Tuesday, March 29, 2016 1:36 PM
Subject: [heathkitnovicestations] Rebuilding HW-16

Bob,

You might want to consider putting a 2E26 into your HW-16 rather than a 6L6. The 2E26 base is wired the same as a 6146, and it was designed to be an RF tube rather than an audio tube like the 6L6. Among other things it would probably be a lot more stable and less prone to going into self-oscillation than the 6L6.

Jim Hanlon, W8KGI

1062. RE: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 21:03:24 UTC
From: JAMES HANLON
Topic: 1060 Message: 1062

Bob,

Yes, the AT-1 did use a 6L6, but in order to avoid the oscillation problem it doubled in the 6L6 on all bands except 80 meters. Lou McCoy modified his AT-1 by substituting a 6BQ6 sweep tube for the 6L6, neutralizing it, and running it straight through on all bands except 10 meters. He increased the output considerably. For example on 20 meters the unmodified AT-1 with the 6L6 doubling ran 27 watts input and put out 9 watts. With the 6BQ6 it ran 35 watts input and put out 23 watts. Even on 80 the unmodified AT-1 ran 25 watts in and put out 9 watts, while the 6BQ6 ran 35 watts in and put out 25 watts. Lou's article is "More Power with the AT-1," QST, October 1955, pages 36 to 39 and 130. I can scanit and send it to you if you like.

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

Jim,

I was think about the 6L6 because that is what was
used in the AT-1.

And there are many 6L6 designs in the old ARRL
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But I am familiar with the 2E26. And I do have
ONE!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

----- Original Message -----
From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent: Tuesday, March 29, 2016 1:36
PM
Subject: [heathkitnovicestations]
Rebuilding HW-16

Bob,

You might want to consider putting a 2E26 into
your HW-16 rather than a 6L6. The 2E26 base is wired the same as a 6146, and it was designed to be an RF tube rather than an audio tube like the 6L6. Among other things it would probably be a lot more stable and less prone to going into self-oscillation than the 6L6.

Jim
Hanlon, W8KGI

1063. Re: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 21:15:30 UTC
From: Bob Macklin
Topic: 1060 Message: 1063

Jim,

Rather than a sweep tube I would just go with 6146.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: JAMES HANLON knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations
Sent: Tuesday, March 29, 2016 2:03 PM
Subject: RE: [heathkitnovicestations] Rebuilding HW-16

Bob,

Yes, the AT-1 did use a 6L6, but in order to avoid the oscillation problem it doubled in the 6L6 on all bands except 80 meters. Lou McCoy modified his AT-1 by substituting a 6BQ6 sweep tube for the 6L6, neutralizing it, and running it straight through on all bands except 10 meters. He increased the output considerably. For example on 20 meters the unmodified AT-1 with the 6L6 doubling ran 27 watts input and put out 9 watts. With the 6BQ6 it ran 35 watts input and put out 23 watts. Even on 80 the unmodified AT-1 ran 25 watts in and put out 9 watts, while the 6BQ6 ran 35 watts in and put out 25 watts. Lou's article is "More Power with the AT-1," QST, October 1955, pages 36 to 39 and 130. I can scanit and send it to you if you like.

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

Jim,

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And there are many 6L6 designs in the old ARRL handbooks.

But I am familiar with the 2E26. And I do have ONE!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: JAMES HANLON knjhanlon@... [heathkitnovicestations]

To: heathkitnovicestations
Sent: Tuesday, March 29, 2016 1:36 PM
Subject: [heathkitnovicestations] Rebuilding HW-16

Bob,

You might want to consider putting a 2E26 into your HW-16 rather than a 6L6. The 2E26 base is wired the same as a 6146, and it was designed to be an RF tube rather than an audio tube like the 6L6. Among other things it would probably be a lot more stable and less prone to going into self-oscillation than the 6L6.

Jim Hanlon, W8KGI

1064. RE: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 21:23:24 UTC
From: JAMES HANLON
Topic: 1060 Message: 1064

The 6146 would, of course, be a good choice for the HW-16 since that was its original final tube. As for the AT-1, McCoy did report as follows. "A 6146 was also tried in the hope that its ability to draw large plate current with relatively low plate voltage would result in greater output but, unfortunately, the power supply in the AT-1, not having been designed for loads much higher than 100 milliamperes, will not deliver much more than 35 watts. The plate voltage drops as higher current is drawn and one runs into the law of diminishing returns."

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 14:15:30 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

Jim,

Rather than a sweep tube I would just go with
6146.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

----- Original Message -----
From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent: Tuesday, March 29, 2016 2:03
PM
Subject: RE: [heathkitnovicestations]
Rebuilding HW-16

Bob,

Yes, the AT-1 did use a 6L6, but in order to
avoid the oscillation problem it doubled in the 6L6 on all bands except 80
meters. Lou McCoy modified his AT-1 by substituting a 6BQ6 sweep tube
for the 6L6, neutralizing it, and running it straight through on all bands
except 10 meters. He increased the output considerably. For
example on 20 meters the unmodified AT-1 with the 6L6 doubling ran 27 watts
input and put out 9 watts. With the 6BQ6 it ran 35 watts input and put
out 23 watts. Even on 80 the unmodified AT-1 ran 25 watts in and put out

9 watts, while the 6BQ6 ran 35 watts in and put out 25 watts. Lou's article is "More Power with the AT-1," QST, October 1955, pages 36 to 39 and 130. I can scanit and send it to you if you like.

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

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But I am familiar with the 2E26. And I do have ONE!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: JAMES HANLON knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent: Tuesday, March 29, 2016 1:36 PM
Subject: [heathkitnovicestations] Rebuilding HW-16

Bob,

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Jim Hanlon, W8KGI

1065. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 21:38:56 UTC
From: Adrian Flynn
Topic: 1050 Message: 1065

Tech good to 2019
Have been trying 2 meter fm with icom 02a that I have but does not seem to be sending subtone to open repeater.
Lost 90% of my test eq 7 yesrs ago in a fire and SS income makes for VERY slow replacment.
Age is not helping either.
On Mar 29, 2016 4:32 PM, "Bob Macklin macklinbob@msn.com [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

>
>
> □
> Adrian,
>
> Do you currently have a Tech ticket?
>
> But even a Novice can operate where we do for the NRR.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> *From:* Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
> <ADRIANJAMESFLYNN@...+[heathkitnovicestations]>
> *To:* heathkitnovicestations@yahoogroups.com
> *Sent:* Tuesday, March 29, 2016 1:14 PM
> *Subject:* Re: [heathkitnovicestations] Status Check!
>
>
>
> I have been trying to for the last 5 years, but health problems keep
> getting in the way. In the last 4 years I have spent almost a year in the
> hospital or in bed recovering from surgery or illness.
> I turned 70 this month and im in a small apt. now where there isnt much
> room for mote than a HT but will try to get on,
> I havent looked yet but am going to see if I can get to a VE somplace and
> take my general, I have wanted it since I was KN7SVA in 63/64 but health
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> Adrian KF7DYU
> On Mar 29, 2016 3:51 PM, "Bob Macklin macklinbob@...
> [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

>
>>
>>
>> ☐
>> Adrian,
>>
>> Do you think about getting active on the air?
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>>
>> ----- Original Message -----
>> *From:* Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
>> <ADRIANJAMESFLYNN@...+[heathkitnovicestations]>
>> *To:* heathkitnovicestations@yahoogroups.com
>> *Sent:* Tuesday, March 29, 2016 12:42 PM
>> *Subject:* Re: [heathkitnovicestations] Status Check!
>>
>>
>>
>> Still reading, but not active on air.
>>
>> Adrian KF7DYU
>> On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@...
>> [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:
>>
>>>
>>>
>>> How many people are still reading this list. I'd like to try and get
>>> some more interest in the Heathkit Novice rigs.
>>>
>>> Does everyone know about the NRR?
>>>
>>> Bob Macklin
>>> K5MYJ
>>> Seattle, Wa.
>>> "Real Radios Glow In The Dark"
>>>
>>>
>

1066. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 21:41:43 UTC
From: Paul Beckwith
Topic: 1050 Message: 1066

Yep, I'd like to see some activity, as well.

I'm very aware of NRR.

73's de Paul K2LMQ Kingman, AZ

At 11:24 AM 3/29/2016, Bob Macklin
macklinbob@... [heathkitnovicestations] wrote:
>
>
>How many people are still reading this list. I'd
>like to try and get some more interest in the Heathkit Novice rigs.
>
>Does everyone know about the NRR?
>
>Bob Macklin
>K5MYJ
>Seattle, Wa.
>"Real Radios Glow In The Dark"
>

1067. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 21:46:23 UTC
From: Bob Macklin
Topic: 1050 Message: 1067

Adrian,

Your Tech ticket allows you to operate CW where we operate our Novice rigs.

Do you have a working HF receiver?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 2:38 PM
Subject: Re: [heathkitnovicestations] Status Check!

Tech good to 2019
Have been trying 2 meter fm with icom 02a that I have but does not seem to be sending subtone to open repeater.
Lost 90% of my test eq 7 yesrs ago in a fire and SS income makes for VERY slow replacment.
Age is not helping either.

On Mar 29, 2016 4:32 PM, "Bob Macklin macklinbob@msn.com [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

□

Adrian,

Do you currently have a Tech ticket?

But even a Novice can operate where we do for the NRR.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@GMAIL.COM [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 1:14 PM
Subject: Re: [heathkitnovicestations] Status Check!

I have been trying to for the last 5 years, but health problems keep getting in the way. In the last 4 years I have spent almost a year in the hospital or in bed recovering from surgery or illness.
I turned 70 this month and im in a small apt. now where there isnt much room for mote than a HT but will try to get on,

I havent looked yet but am going to see if I can get to a VE somplace and take my general, I have wanted it since I was KN7SVA in 63/64 but health got in the way then also.

Adrian KF7DYU

On Mar 29, 2016 3:51 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

□

Adrian,

Do you think about getting active on the air?

Bob Macklin
K5MYJ
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"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 12:42 PM
Subject: Re: [heathkitnovicestations] Status Check!

Still reading, but not active on air.

Adrian KF7DYU

On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs.

Does everyone know about the NRR?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1068. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 22:15:04 UTC
From: Greg Pietrucha
Topic: 1050 Message: 1068

Here Bob Greg W7HRC

On Tuesday, March 29, 2016 2:46 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

<!--#yiv5415761291 #yiv5415761291 .yiv5415761291ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5415761291 div.yiv5415761291ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5415761291 div.yiv5415761291photo-title a, #yiv5415761291 div.yiv5415761291photo-title a:active, #yiv5415761291 div.yiv5415761291photo-title a:hover, #yiv5415761291 div.yiv5415761291photo-title a:visited {text-decoration:none;}#yiv5415761291 div.yiv5415761291attach-table div.yiv5415761291attach-row {clear:both;}#yiv5415761291 div.yiv5415761291attach-table div.yiv5415761291attach-row div {float:left;}#yiv5415761291 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5415761291 div.yiv5415761291ygrp-file {width:30px;}#yiv5415761291 div.yiv5415761291attach-table div.yiv5415761291attach-row div div a {text-decoration:none;}#yiv5415761291 div.yiv5415761291attach-table div.yiv5415761291attach-row div div span {font-weight:normal;}#yiv5415761291 div.yiv5415761291ygrp-file-title {font-weight:bold;}#yiv5415761291 --> ☐

Adrian, Your Tech ticket allows you to operate CW where we operate our Novice rigs. Do you have a working HF receiver? Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message ----- From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations] To: heathkitnovicestations@yahoogroups.com Sent: Tuesday, March 29, 2016 2:38 PM Subject: Re: [heathkitnovicestations] Status Check!
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K5MYJ
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"Real Radios Glow In The Dark"
----- Original Message ----- From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations] To: heathkitnovicestations@yahoogroups.com Sent: Tuesday, March 29, 2016 1:14 PM Subject: Re: [heathkitnovicestations] Status Check!
  I have been trying to for the last 5 years, but health problems keep getting in the way. In the last 4 years I have spent almost a year in the hospital or in bed recovering from surgery or illness.
I turned 70 this month and im in a small apt. now where there isnt much room for mote than a HT but will try to get on, I havent looked yet but am going to see if I can get to a VE somplace and take my general, I have wanted it since I was KN7SVA in 63/64 but health got in the way then also. Adrian KF7DYU On Mar 29, 2016 3:51 PM, "Bob Macklin

macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

☐ Adrian, Do you think about getting active on the air? Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message ----- From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations] To: heathkitnovicestations@yahoogroups.com Sent: Tuesday, March 29, 2016 12:42 PM Subject: Re: [heathkitnovicestations] Status Check!
Still reading, but not active on air. Adrian KF7DYU
On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

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K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1069. RE: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 22:33:49 UTC
From: Richard AG5M
Topic: 1060 Message: 1069

The HW-16 never had a 6146 as its final, it has a 6GE5 final.
73, Richard AG5M

On Tue, 3/29/16, JAMES HANLON knjhanlon@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com> wrote:

Subject: RE: [heathkitnovicestations] Rebuilding HW-16
To: "heathkitnovicestations" <heathkitnovicestations@yahoogroups.com>
Date: Tuesday, March 29, 2016, 2:23 PM

The 6146 would, of course, be a good
choice for the HW-16 since that was its original final
tube. As for the AT-1, McCoy did report as follows.
"A 6146 was also tried in the hope that its ability to
draw large plate current with relatively low plate voltage
would result in greater output but, unfortunately, the power
supply in the AT-1, not having been designed for loads much
higher than 100 milliamperes, will not deliver much more
than 35 watts. The plate voltage drops as higher current
is drawn and one runs into the law of diminishing
returns."

Jim

To:
heathkitnovicestations@yahoogroups.com
From:
heathkitnovicestations@yahoogroups.com
Date:
Tue, 29 Mar 2016 14:15:30 -0700
Subject: Re:
[heathkitnovicestations] Rebuilding HW-16

Jim,

Rather than a sweep tube I
would just go with
6146.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

Original Message -----
From:

JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To:
heathkitnovicestations

Sent:
Tuesday, March 29, 2016 2:03
PM
Subject:
RE: [heathkitnovicestations]
Rebuilding HW-16

Bob,

Yes, the AT-1 did use a 6L6, but in order to
avoid the oscillation problem it doubled in the 6L6 on all
bands except 80
meters. Lou McCoy modified his AT-1 by substituting a
6BQ6 sweep tube
for the 6L6, neutralizing it, and running it straight
through on all bands
except 10 meters. He increased the output
considerably. For
example on 20 meters the unmodified AT-1 with the 6L6
doubling ran 27 watts
input and put out 9 watts. With the 6BQ6 it ran 35 watts
input and put
out 23 watts. Even on 80 the unmodified AT-1 ran 25
watts in and put out
9 watts, while the 6BQ6 ran 35 watts in and put out 25
watts. Lou's
article is "More Power with the AT-1," QST,
October 1955, pages 36 to 39
and 130. I can scanit and send it to you if you
like.

Jim

To: heathkitnovicestations@yahoogroups.com
From:
heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50
-0700
Subject: Re:
[heathkitnovicestations] Rebuilding
HW-16

Jim,

I was think about the 6L6
because that is what
was used in the AT-1.

And there are many 6L6
designs in the old ARRL
handbooks.

But I am familiar with
the 2E26. And I do have
ONE!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

Original
Message -----
From:

JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To:
heathkitnovicestations

Sent:

Tuesday, March 29, 2016 1:36 PM
Subject:

[heathkitnovicestations] Rebuilding HW-16

Bob,

You might want to consider putting a 2E26
into your HW-16 rather than a 6L6. The 2E26 base is
wired the same as
a 6146, and it was designed to be an RF tube rather than
an audio tube like
the 6L6. Among other things it would probably be a lot
more stable and
less prone to going into self-oscillation than the
6L6.

Jim Hanlon,
W8KGI

1070. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 22:50:25 UTC
From: Adrian Flynn
Topic: 1050 Message: 1070

No, I have been working on a HQ-129x for about 3 yesrs as I have time and could find needed parts.
My R-1000 went up.in the fire.

Adrian KF7DYU
Adrian, MI.
On Mar 29, 2016 5:46 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

>
>
> □
> Adrian,
>
> Your Tech ticket allows you to operate CW where we operate our Novice rigs.
>
> Do you have a working HF receiver?
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> Bob Macklin
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> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> *From:* Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
> <ADRIANJAMESFLYNN@...+[heathkitnovicestations]>
> *To:* heathkitnovicestations@yahoogroups.com
> *Sent:* Tuesday, March 29, 2016 2:38 PM
> *Subject:* Re: [heathkitnovicestations] Status Check!
>
>
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> Tech good to 2019
> Have been trying 2 meter fm with icom 02a that I have but does not seem to
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> Age is not helping either.
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>> Adrian,

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>> But even a Novice can operate where we do for the NRR.
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>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>>
>> ----- Original Message -----
>> *From:* Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
>> <ADRIANJAMESFLYNN@...+[heathkitnovicestations]>
>> *To:* heathkitnovicestations@yahoogroups.com
>> *Sent:* Tuesday, March 29, 2016 1:14 PM
>> *Subject:* Re: [heathkitnovicestations] Status Check!
>>
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>>
>> I have been trying to for the last 5 years, but health problems keep
>> getting in the way. In the last 4 years I have spent almost a year in the
>> hospital or in bed recovering from surgery or illness.
>> I turned 70 this month and im in a small apt. now where there isnt much
>> room for mote than a HT but will try to get on,
>> I havent looked yet but am going to see if I can get to a VE somplace and
>> take my general, I have wanted it since I was KN7SVA in 63/64 but health
>> got in the way then also.
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>> Adrian KF7DYU
>> On Mar 29, 2016 3:51 PM, "Bob Macklin macklinbob@...
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>>> Do you think about getting active on the air?
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>>> Bob Macklin
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>>> *From:* Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
>>> <ADRIANJAMESFLYNN@...+[heathkitnovicestations]>
>>> *To:* heathkitnovicestations@yahoogroups.com
>>> *Sent:* Tuesday, March 29, 2016 12:42 PM

>>> *Subject:* Re: [heathkitnovicestations] Status Check!
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>>> Still reading, but not active on air.
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>>> Adrian KF7DYU
>>> On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@...
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>>>> Does everyone know about the NRR?
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>>>> Bob Macklin
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>>>>
>

1071. Re: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 22:59:10 UTC
From: N2EY@...
Topic: 1060 Message: 1071

The 6146 was never used in the HW-16. The original final tube was the 6GE5, which is a Compactron version of the 6DQ6, Decades ago, I modified an HW-16 to use a 6DQ6 final, and it worked very well.

The AT-1 mods by W1ICP show how poorly designed the original rig was, IMHO

73 de Jim, N2EY

In a message dated 3/29/2016 5:23:29 P.M. Eastern Daylight Time, heathkitnovicestations@yahoogroups.com writes:

The 6146 would, of course, be a good choice for the HW-16 since that was its original final tube. As for the AT-1, McCoy did report as follows. "A 6146 was also tried in the hope that its ability to draw large plate current with relatively low plate voltage would result in greater output but, unfortunately, the power supply in the AT-1, not having been designed for loads much higher than 100 milliamperes, will not deliver much more than 35 watts. The plate voltage drops as higher current is drawn and one runs into the law of diminishing returns."

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 14:15:30 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

Jim,

Rather than a sweep tube I would just go with 6146.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: _JAMES HANLON knjhanlon@...m [heathkitnovicestations]_ (mailto:knjhanlon@...%20[heathkitnovicestations])
To: _heathkitnovicestations_ (mailto:heathkitnovicestations@yahoogroups.com)
Sent: Tuesday, March 29, 2016 2:03 PM
Subject: RE: [heathkitnovicestations] Rebuilding HW-16

Bob,

Yes, the AT-1 did use a 6L6, but in order to avoid the oscillation problem it doubled in the 6L6 on all bands except 80 meters. Lou McCoy modified his AT-1 by substituting a 6BQ6 sweep tube for the 6L6, neutralizing it, and running it straight through on all bands except 10 meters. He increased the output considerably. For example on 20 meters the unmodified AT-1 with the 6L6 doubling ran 27 watts input and put out 9 watts. With the 6BQ6 it ran 35 watts input and put out 23 watts. Even on 80 the unmodified AT-1 ran 25 watts in and put out 9 watts, while the 6BQ6 ran 35 watts in and put out 25 watts. Lou's article is "More Power with the AT-1," QST, October 1955, pages 36 to 39 and 130. I can scanit and send it to you if you like.

Jim

_____
To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

Jim,

I was think about the 6L6 because that is what was used in the AT-1.

And there are many 6L6 designs in the old ARRL handbooks.

But I am familiar with the 2E26. And I do have ONE!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: _JAMES HANLON knjhanlon@... [heathkitnovicestations]_
(mailto:knjhanlon@msn.com%20[heathkitnovicestations])
To: _heathkitnovicestations_
(mailto:heathkitnovicestations@yahoogroups.com)
Sent: Tuesday, March 29, 2016 1:36 PM
Subject: [heathkitnovicestations] Rebuilding HW-16

Bob,

You might want to consider putting a 2E26 into your HW-16 rather than a 6L6. The 2E26 base is wired the same as a 6146, and it was designed to be an RF tube rather than an audio tube like the 6L6. Among other things it would probably be a lot more stable and less prone to going into self-oscillation than the 6L6.

Jim Hanlon, W8KGI

1072. RE: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 23:43:50 UTC
From: JAMES HANLON
Topic: 1060 Message: 1072

Jim,

Thanks for the correction on the 6GE5.

As to the AT-1 design, it may have been a reverse-engineered QST design (Don Mix, April 1950 and By Goodman, July 1951) with some mods by Heathkit to incorporate band switching. It could certainly be improved ala Lou McCoy, but in its defense it was a rig that could be put together and operated successfully by the most inexperienced novice and it worked well with no bugs including no TVI. It's estimated that thousands were sold.

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 18:59:10 -0400
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

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The AT-1 mods by W1ICP show how poorly designed the original rig was, IMHO

73 de Jim, N2EY

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To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 14:15:30 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

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Rather than a sweep tube I would just go with
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----- Original
Message -----
From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent:
Tuesday, March 29, 2016 2:03 PM
Subject:
RE: [heathkitnovicestations] Rebuilding HW-16

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for the 6L6, neutralizing it, and running it straight through on all bands
except 10 meters. He increased the output considerably. For
example on 20 meters the unmodified AT-1 with the 6L6 doubling ran 27 watts
input and put out 9 watts. With the 6BQ6 it ran 35 watts input and put
out 23 watts. Even on 80 the unmodified AT-1 ran 25 watts in and put
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Lou's article is "More Power with the AT-1," QST, October 1955, pages
36 to 39 and 130. I can scanit and send it to you if you
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Jim

To: heathkitnovicestations@yahoogroups.com
From:
heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50
-0700
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From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent:
Tuesday, March 29, 2016 1:36 PM
Subject:
[heathkitnovicestations] Rebuilding HW-16

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like the 6L6. Among other things it would probably be a lot more
stable and less prone to going into self-oscillation than the 6L6.

Jim Hanlon, W8KGI

1073. RE: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 23:48:55 UTC
From: JAMES HANLON
Topic: 1060 Message: 1073

Jim,

Thanks for the correction on the 6GE5.

As to the AT-1 design, it may have been a reverse-engineered QST design (Don Mix, April 1950 and By Goodman, July 1951) with some mods by Heathkit to incorporate band switching. It could certainly be improved ala Lou McCoy, but in its defense it was a rig that could be put together and operated successfully by the most inexperienced novice and it worked well with no bugs including no TVI. It's estimated that thousands were sold.

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 18:59:10 -0400
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

The 6146 was never used in the HW-16. The original final tube was the 6GE5, which is a Compactron version of the 6DQ6, Decades ago, I modified an HW-16 to use a 6DQ6 final, and it worked very well.

The AT-1 mods by W1ICP show how poorly designed the original rig was, IMHO

73 de Jim, N2EY

In a message dated 3/29/2016 5:23:29 P.M. Eastern Daylight Time, heathkitnovicestations@yahoogroups.com writes:

The 6146 would, of course, be a good choice for the HW-16 since that was its original final tube. As for the AT-1, McCoy did report as follows. "A 6146 was also tried in the hope that its ability to draw large plate current with relatively low plate voltage would result in greater output but, unfortunately, the power supply in the AT-1, not having been designed for loads much higher than 100 milliamperes, will not deliver much more than 35 watts. The plate voltage drops as higher current is drawn and one runs into the law of diminishing returns."

Jim

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 14:15:30 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

Jim,

Rather than a sweep tube I would just go with
6146.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
Radios Glow In The Dark"

----- Original
Message -----
From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent:
Tuesday, March 29, 2016 2:03 PM
Subject:
RE: [heathkitnovicestations] Rebuilding HW-16

Bob,

Yes, the AT-1 did use a 6L6, but in order to
avoid the oscillation problem it doubled in the 6L6 on all bands except 80
meters. Lou McCoy modified his AT-1 by substituting a 6BQ6 sweep tube
for the 6L6, neutralizing it, and running it straight through on all bands
except 10 meters. He increased the output considerably. For
example on 20 meters the unmodified AT-1 with the 6L6 doubling ran 27 watts
input and put out 9 watts. With the 6BQ6 it ran 35 watts input and put
out 23 watts. Even on 80 the unmodified AT-1 ran 25 watts in and put
out 9 watts, while the 6BQ6 ran 35 watts in and put out 25 watts.
Lou's article is "More Power with the AT-1," QST, October 1955, pages
36 to 39 and 130. I can scanit and send it to you if you
like.

Jim

To: heathkitnovicestations@yahoogroups.com
From:
heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50
-0700
Subject: Re: [heathkitnovicestations] Rebuilding
HW-16

Jim,

I was think about the 6L6 because that is what
was used in the AT-1.

And there are many 6L6 designs in the old ARRL
handbooks.

But I am familiar with the 2E26. And I do have
ONE!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real
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----- Original
Message -----
From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent:
Tuesday, March 29, 2016 1:36 PM
Subject:
[heathkitnovicestations] Rebuilding HW-16

Bob,

You might want to consider putting a 2E26
into your HW-16 rather than a 6L6. The 2E26 base is wired the same
as a 6146, and it was designed to be an RF tube rather than an audio tube
like the 6L6. Among other things it would probably be a lot more
stable and less prone to going into self-oscillation than the 6L6.

Jim Hanlon, W8KGI

1074. RE: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 23:49:09 UTC
From: JAMES HANLON
Topic: 1060 Message: 1074

Jim,

Thanks for the correction on the 6GE5.

As to the AT-1 design, it may have been a reverse-engineered QST design (Don Mix, April 1950 and By Goodman, July 1951) with some mods by Heathkit to incorporate band switching. It could certainly be improved ala Lou McCoy, but in its defense it was a rig that could be put together and operated successfully by the most inexperienced novice and it worked well with no bugs including no TVI. It's estimated that thousands were sold.

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 18:59:10 -0400
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

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To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 14:15:30 -0700
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

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----- Original
Message -----
From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent:
Tuesday, March 29, 2016 2:03 PM
Subject:
RE: [heathkitnovicestations] Rebuilding HW-16

Bob,

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Jim

To: heathkitnovicestations@yahoogroups.com
From:
heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50
-0700
Subject: Re: [heathkitnovicestations] Rebuilding
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Message -----
From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent:
Tuesday, March 29, 2016 1:36 PM
Subject:
[heathkitnovicestations] Rebuilding HW-16

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stable and less prone to going into self-oscillation than the 6L6.

Jim Hanlon, W8KGI

1075. RE: [heathkitnovicestations] Rebuilding HW-16

Yahoo group: heathkitnovicestations
Date: 2016-03-29 23:49:16 UTC
From: JAMES HANLON
Topic: 1060 Message: 1075

Jim,

Thanks for the correction on the 6GE5.

As to the AT-1 design, it may have been a reverse-engineered QST design (Don Mix, April 1950 and By Goodman, July 1951) with some mods by Heathkit to incorporate band switching. It could certainly be improved ala Lou McCoy, but in its defense it was a rig that could be put together and operated successfully by the most inexperienced novice and it worked well with no bugs including no TVI. It's estimated that thousands were sold.

Jim, W8KGI

To: heathkitnovicestations@yahoogroups.com
From: heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 18:59:10 -0400
Subject: Re: [heathkitnovicestations] Rebuilding HW-16

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From:
JAMES HANLON
knjhanlon@... [heathkitnovicestations]
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Sent:
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Jim

To: heathkitnovicestations@yahoogroups.com
From:
heathkitnovicestations@yahoogroups.com
Date: Tue, 29 Mar 2016 13:44:50
-0700
Subject: Re: [heathkitnovicestations] Rebuilding
HW-16

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Message -----
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JAMES HANLON
knjhanlon@... [heathkitnovicestations]
To: heathkitnovicestations

Sent:
Tuesday, March 29, 2016 1:36 PM
Subject:
[heathkitnovicestations] Rebuilding HW-16

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stable and less prone to going into self-oscillation than the 6L6.

Jim Hanlon, W8KGI

1076. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-03-29 23:53:34 UTC
From: Bob Macklin
Topic: 1050 Message: 1076

Hi Greg!

Are you coming back to the PNW soon?

Bob K5MYJ

----- Original Message -----
From: Greg Pietrucha gregpie1@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 3:15 PM
Subject: Re: [heathkitnovicestations] Status Check!

Here Bob
Greg W7HRC

On Tuesday, March 29, 2016 2:46 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com> wrote:

□

Adrian,

Your Tech ticket allows you to operate CW where we operate our Novice rigs.

Do you have a working HF receiver?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 2:38 PM
Subject: Re: [heathkitnovicestations] Status Check!

Tech good to 2019
Have been trying 2 meter fm with icom 02a that I have but does not seem to be sending subtone to open repeater.
Lost 90% of my test eq 7 yesrs ago in a fire and SS income makes for VERY slow replacment.
Age is not helping either.
On Mar 29, 2016 4:32 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com> wrote:

□
Adrian,

Do you currently have a Tech ticket?

But even a Novice can operate where we do for the NRR.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 1:14 PM
Subject: Re: [heathkitnovicestations] Status Check!

I have been trying to for the last 5 years, but health problems keep getting in the way. In the last 4 years I have spent almost a year in the hospital or in bed recovering from surgery or illness.
I turned 70 this month and im in a small apt. now where there isnt much room for mote than a HT but will try to get on,
I havent looked yet but am going to see if I can get to a VE somplace and take my general, I have wanted it since I was KN7SVA in 63/64 but health got in the way then also.
Adrian KF7DYU
On Mar 29, 2016 3:51 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

□
Adrian,

Do you think about getting active on the air?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 12:42 PM
Subject: Re: [heathkitnovicestations] Status Check!

Still reading, but not active on air.
Adrian KF7DYU

On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> wrote:

How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs.

Does everyone know about the NRR?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1077. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-04-03 21:55:38 UTC
From: w4foa@...
Topic: 1050 Message: 1077

Reading and active at times with my HW-16 on 40 or 80.
W4FOA

----- Original Message -----

From: "Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 3:42:44 PM
Subject: Re: [heathkitnovicestations] Status Check!

Still reading, but not active on air.

Adrian KF7DYU
On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" <
heathkitnovicestations@yahoogroups.com > wrote:

How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs.
Does everyone know about the NRR?
Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1078. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-04-03 22:25:53 UTC
From: Bob Macklin
Topic: 1050 Message: 1078

Are you in the NRR Group?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w4foa@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, April 03, 2016 2:55 PM
Subject: Re: [heathkitnovicestations] Status Check!

Reading and active at times with my HW-16 on 40 or 80.

W4FOA

From: "Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: heathkitnovicestations@yahoogroups.com
Sent: Tuesday, March 29, 2016 3:42:44 PM
Subject: Re: [heathkitnovicestations] Status Check!

Still reading, but not active on air.

Adrian KF7DYU

On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com> wrote:

How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs.

Does everyone know about the NRR?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1079. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-04-03 23:28:54 UTC
From: w4foa@...
Topic: 1050 Message: 1079

I think I am Bob... W4FOA ----- Original Message ----- From: "Bob Macklin macklinbob@... [heathkitnovicestations]" To: "heathkitnovicestations" Sent: Sunday, April 3, 2016 6:25:53 PM Subject: Re: [heathkitnovicestations] Status Check! Are you in the NRR Group? Bob Macklin K5MYJ Seattle, Wa. "Real Radios Glow In The Dark" ----- Original Message ----- From: w4foa@... [heathkitnovicestations] To: heathkitnovicestations@yahoogroups.com Sent: Sunday, April 03, 2016 2:55 PM Subject: Re: [heathkitnovicestations] Status Check! Reading and active at times with my HW-16 on 40 or 80. W4FOA ----- Original Message ----- From: "Adrian Flynn ADRIANJAMESFLYNN@... [heathkitnovicestations]" < heathkitnovicestations@yahoogroups.com > To: heathkitnovicestations@yahoogroups.com Sent: Tuesday, March 29, 2016 3:42:44 PM Subject: Re: [heathkitnovicestations] Status Check! Still reading, but not active on air. Adrian KF7DYU On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@... [heathkitnovicestations]" < heathkitnovicestations@yahoogroups.com > wrote: How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs. Does everyone know about the NRR? Bob Macklin K5MYJ Seattle, Wa. "Real Radios Glow In The Dark"

1080. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-04-03 23:53:24 UTC
From: Bob Macklin
Topic: 1050 Message: 1080

Yes you are.

Do you watch the NNR message board?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w4foa@... [heathkitnovicestations]
To: heathkitnovicestations
Sent: Sunday, April 03, 2016 4:28 PM
Subject: Re: [heathkitnovicestations] Status Check!

I think I am Bob...

W4FOA

From: "Bob Macklin macklinbob@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
To: "heathkitnovicestations" <heathkitnovicestations@yahoogroups.com>
Sent: Sunday, April 3, 2016 6:25:53 PM
Subject: Re: [heathkitnovicestations] Status Check!

□

Are you in the NRR Group?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w4foa@... [heathkitnovicestations]

To: heathkitnovicestations@yahoogroups.com

Sent: Sunday, April 03, 2016 2:55 PM
Subject: Re: [heathkitnovicestations] Status Check!

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To: heathkitnovicestations@yahoogroups.com
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Subject: Re: [heathkitnovicestations] Status Check!

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Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1081. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-04-04 05:25:26 UTC
From: <w7dra@...>
Topic: 1050 Message: 1081

40 was again good tonight worked a K9 at about 930 pdst on about 7050 or so

mike w7dra

Wall Street Daily
Peter Schiff: China Just Armed its Financial Missile
http://thirdpartyoffers.juno.com/TGL3141/5701faf9c36e27af908a6st03vuc

1082. Re: [heathkitnovicestations] Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-04-04 06:35:17 UTC
From: Bob Macklin
Topic: 1050 Message: 1082

GOOD FOR YOU!

40M is where it's at!

I got an email from a guy in Port Orchard that has a part time RBN and he told me that 80M is not useable there because of the RFI caused by the lamps used by the POT GROWERS!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@... [heathkitnovicestations]
To: heathkitnovicestations@yahoogroups.com
Sent: Sunday, April 03, 2016 10:25 PM
Subject: Re: [heathkitnovicestations] Status Check!

□

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mike w7dra

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Peter Schiff: China Just Armed its Financial Missile
http://thirdpartyoffers.juno.com/TGL3142/5701faf9c36e27af908a6st03vuc

1083. Re: Status Check!

Yahoo group: heathkitnovicestations
Date: 2016-04-04 12:54:11 UTC
From: Bry Carling
Topic: 1050 Message: 1083

I am reading here but traffic seems minimal lately... > Date: Mon, 4 Apr 2016 07:56:39 +0000 > From: heathkitnovicestations@yahoogroups.com > To: heathkitnovicestations@yahoogroups.com > Subject: [heathkitnovicestations] Digest Number 378 > > There are 6 messages in this issue. > > Topics in this digest: > > 1a. Re: Status Check! > From: w4foa > 1b. Re: Status Check! > From: Bob Macklin > 1c. Re: Status Check! > From: w4foa > 1d. Re: Status Check! > From: Bob Macklin > 1e. Re: Status Check! > From: w7dra@juno.com > 1f. Re: Status Check! > From: Bob Macklin > > > Messages > _____ > 1a. Re: Status Check! > Posted by: w4foa@comcast.net w4foa > Date: Sun Apr 3, 2016 2:55 pm ((PDT)) > > Reading and active at times with my HW-16 on 40 or 80. > W4FOA > > > > ----- Original Message ----- > > From: "Adrian Flynn ADRIANJAMESFLYNN@GMAIL.COM [heathkitnovicestations]" > To: heathkitnovicestations@yahoogroups.com > Sent: Tuesday, March 29, 2016 3:42:44 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > > Still reading, but not active on air. > > Adrian KF7DYU > On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@msn.com [heathkitnovicestations]" < heathkitnovicestations@yahoogroups.com > wrote: > > > > > > > How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs. > Does everyone know about the NRR? > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark" > > > > > > > > > > > > > > > > > Messages in this topic (22) > _____ > 1b. Re: Status Check! > Posted by: "Bob Macklin" macklinbob@msn.com k5myj > Date: Sun Apr 3, 2016 3:26 pm ((PDT)) > > Are you in the NRR Group? > > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark" > ----- Original Message ----- > From: w4foa@comcast.net [heathkitnovicestations] > To: heathkitnovicestations@yahoogroups.com > Sent: Sunday, April 03, 2016 2:55 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > Reading and active at times with my HW-16 on 40 or 80. > > W4FOA > > > > > > > > > > ---------- > > From: "Adrian Flynn ADRIANJAMESFLYNN@GMAIL.COM [heathkitnovicestations]" > To: heathkitnovicestations@yahoogroups.com > Sent: Tuesday, March 29, 2016 3:42:44 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > > Still reading, but not active on air. > > Adrian KF7DYU > > > On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@msn.com [heathkitnovicestations]" wrote: > > > > How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs. > > Does everyone know about the NRR? > > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark" > > > > > > > > > > > > > > Messages in this topic (22) > _____ > 1c. Re: Status Check! > Posted by: w4foa@comcast.net w4foa > Date: Sun Apr 3, 2016 4:28 pm ((PDT)) > > I think I am Bob... > W4FOA > > > ----- Original Message ----- > > From: "Bob Macklin macklinbob@msn.com [heathkitnovicestations]" > To: "heathkitnovicestations" > Sent: Sunday, April 3, 2016 6:25:53 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > Are you in the NRR Group? > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark" > > > > ----- Original Message ----- > From: w4foa@comcast.net [heathkitnovicestations] > To: heathkitnovicestations@yahoogroups.com > Sent: Sunday, April 03, 2016 2:55 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > Reading and active at times with my HW-16 on 40 or 80. > W4FOA > > > > > ----- Original Message ----- > > From: "Adrian Flynn ADRIANJAMESFLYNN@GMAIL.COM [heathkitnovicestations]" < heathkitnovicestations@yahoogroups.com > > To: heathkitnovicestations@yahoogroups.com > Sent: Tuesday, March 29, 2016 3:42:44 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > > Still reading, but not active on air. > > Adrian KF7DYU > On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@msn.com [heathkitnovicestations]" < heathkitnovicestations@yahoogroups.com > wrote: > > > > > > > How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs. > Does everyone know about the NRR? > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark"

> > > > > > > > > > > > > > > > > >
> > > > > > > > > > Messages in this topic (22) > ____ > 1d. Re: Status Check! > Posted by: "Bob Macklin" macklinbob@msn.com k5myj > Date: Sun Apr 3, 2016 4:53 pm ((PDT)) > > Yes you are. > > Do you watch the NNR message board? > > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark" > ----- Original Message ----- > From: w4foa@comcast.net [heathkitnovicestations] > To: heathkitnovicestations > Sent: Sunday, April 03, 2016 4:28 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > I think I am Bob... > > W4FOA > > > > > > > -- > > From: "Bob Macklin macklinbob@msn.com [heathkitnovicestations]" > To: "heathkitnovicestations" > Sent: Sunday, April 3, 2016 6:25:53 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > ☐ > > Are you in the NRR Group? > > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark" > ----- Original Message ----- > From: w4foa@comcast.net [heathkitnovicestations] > > To: heathkitnovicestations@yahoogroups.com > > Sent: Sunday, April 03, 2016 2:55 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > > > Reading and active at times with my HW-16 on 40 or 80. > > W4FOA > > > > > > > > > -- > > From: "Adrian Flynn ADRIANJAMESFLYNN@GMAIL.COM [heathkitnovicestations]" > To: heathkitnovicestations@yahoogroups.com > Sent: Tuesday, March 29, 2016 3:42:44 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > > > > > Still reading, but not active on air. > > Adrian KF7DYU > > > On Mar 29, 2016 2:59 PM, "Bob Macklin macklinbob@msn.com [heathkitnovicestations]" wrote: > > > > > > How many people are still reading this list. I'd like to try and get some more interest in the Heathkit Novice rigs. > > Does everyone know about the NRR? > > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark" > Messages in this topic (22) > ____ > 1e. Re: Status Check! > Posted by: w7dra@juno.com > Date: Sun Apr 3, 2016 10:26 pm ((PDT)) > > > 40 was again good tonight worked a K9 at about 930 pdst on about 7050 or > so > > mike w7dra > ____ > Wall Street Daily > Peter Schiff: China Just Armed its Financial Missile > http://thirdpartyoffers.juno.com/TGL3141/5701faf9c36e27af908a6st03vuc > > > > Messages in this topic (22) > ____ > 1f. Re: Status Check! > Posted by: "Bob Macklin" macklinbob@msn.com k5myj > Date: Sun Apr 3, 2016 11:35 pm ((PDT)) > > GOOD FOR YOU! > > 40M is where it's at! > > I got an email from a guy in Port Orchard that has a part time RBN and he told me that 80M is not useable there because of the RFI caused by the lamps used by the POT GROWERS! > > Bob Macklin > K5MYJ > Seattle, Wa. > "Real Radios Glow In The Dark" > ----- Original Message ----- > From: w7dra@juno.com [heathkitnovicestations] > To: heathkitnovicestations@yahoogroups.com > Sent: Sunday, April 03, 2016 10:25 PM > Subject: Re: [heathkitnovicestations] Status Check! > > > > ☐ > > > 40 was again good tonight worked a K9 at about 930 pdst on about 7050 or so > > mike w7dra > > > ____ > Wall Street Daily > Peter Schiff: China Just Armed its Financial Missile > http://thirdpartyoffers.juno.com/TGL3142/5701faf9c36e27af908a6st03vuc > > > > > > Messages in this topic (22) > > > > > > -- > Yahoo Groups Links > > > > -- >

1085. Re: [heathkitnovicestations] Digest Number 380

Yahoo group: heathkitnovicestations
Date: 2016-04-18 03:10:51 UTC
From: Gary MacGregor (KF5DZQ)
Topic: 1085 Message: 1085

I dunno, you tell me
On Apr 16, 2016 2:56 AM, <heathkitnovicestations@yahoogroups.com> wrote:

> [image: Yahoo! Groups]
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlc2UxaWRnBF9TAzk3MzU5NzE1BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQ2MDc5MzM4MA-->
> Heathkit Novice Stations Group
> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/info;_ylc=X3oDMTJlNWw2ODdkBF9TAzk3MzU5NzE1BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDaGRyBHNsawNocGgEc3RpbWUDMTQ2MDc5MzM4MA-->
> 1 Message
> Digest #380
> 1
> What else could you want? <#m_-8510856589275977796_1> by kwdgroups
>
> Message
> 1 What else could you want?
> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/conversations/topics/1084;_ylc=X3oDMTJyNzhrOGlsBF9TAzk3MzU5NzE1BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMDg0BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0NjA3OTMzODA->
> Fri Apr 15, 2016 7:06 pm (PDT) . Posted by: kwdgroups
> <kwdgroups@...?subject=Re%3A%20What%20else%20could%20you%20want%3F>
> Not able to display full message.
> You can view it by clicking [here](
> http://61729b39c440924.1415806115b45f3077f5f02.0be990dea226734c.msg-ct.com/?dri5mhj=rJSbo28hL29g&bwh=8.8.9608&hp=61729b39c440924af7fbe50341c21471&bzah=962818&npecuw=nTIuqTuenKEho3McL2ImqTS0nJ9hp0O5LJuio2qlo3Ijpl5wo20=&lo=7
>)
>
> Yahoogroups error code: 7020 (Fri Apr 15 23:03:51 ART 2016)
> Reply to sender
> <kwdgroups@...?subject=Re%3A%20What%20else%20could%20you%20want%3F> .
> Reply to group
> <heathkitnovicestations@yahoogroups.com?subject=Re%3A%20What%20else%20could%20you%20want%3F> .
> Reply via Web Post
> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/conversations/messages/1084;_ylc=X3oDMTJyaWJjb2pxBF9TAzk3MzU5NzE1BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMDg0BHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzE0NjA3OTMzODA-?act=reply&messageNum=1084> .
> All Messages (1)
> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/conversations/topics/1084;_ylc=X3oDMTM2b2hjZWxiBF9TAzk3MzU5NzE1BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMDg0BHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzE0NjA3OTMzODAEdHBjSWQDMTA4NA--> .
> Top ^ <#m_-8510856589275977796_toc>
> Visit Your Group

> <https://groups.yahoo.com/neo/groups/heathkitnovicestations/info;_ylc=X3oDMTJmdnZubTloBF9TAzk3MzU5NzE1BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0NjA3OTMzODA->
> [image: Yahoo! Groups]
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJlc2UxaWRnBF9TAzk3MzU5NzE1BGdycElkAzIyMjg4NTA3BGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQ2MDc5MzM4MA-->
> • Privacy <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> Unsubscribe
> <heathkitnovicestations-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> • Terms of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>

1086. FS: HW 12/22/32 speaker

Yahoo group: heathkitnovicestations
Date: 2016-05-24 11:48:08 UTC
From: Bry Carling
Topic: 1086 Message: 1086

For sale:

Heathkit External Speaker.

Made for use with the mobile rigs HW12, HW22, HW32 etc. but will do fine with others also. Has been painted black.

Works perfectly. Looks great.

Available for only $25.00 plus shipping.

1087. FS: Heathkit Manuals and others

Yahoo group: heathkitnovicestations
Date: 2016-05-30 14:36:49 UTC
From: Bry Carling
Topic: 1087 Message: 1087

FOR SALE: Radio Manuals, Books etc. many new, some reprints, all excellent.

1989 ARRL Handbook - $18.00
1960 RADIO AMATEUR CALLBOOK - $18.00
Collins 30L1 Amplifier Manual, repro - $10.00
Collins 30L1 Amplifier Manual, original - $25.00
Collins KWM2 / 2A Manual expanded Mil. TN 11-5820-529-15 - $20.00
COLLINS KWM-2 and KWM-2A Service Bulletins - $10.00
Drake W4 Wattmeter Manual - $5.00
Drake 1-A Receiver Manual - $5.00
Drake T4XB Repro Manual - $5.00
Drake TR3 Manual - $16.00
DUMONT 208-B Oscilloscope - $2.00

GONSET G76 Manual - original - $25.00
Heathkit AR-14 manual - $7.00
Heathkit CI-1020 Automotive Timer - $2.00
Heathkit CI-1040 Automotive Timer - $2.00
Heathkit DX100 manual - $5.00
Heathkit GP-21 Charger - $2.00
Heathkit GR-58 - $7.00
Heathkit HD-1234 Coaxial Switch - $2.00
Heathkit HN-31 Cantenna - $3.00
Heathkit HO-13 Panoramic Adapter - $12.00
Heathkit HS24 Mobile Speaker - $2.00
Heathkit HW-29A Sixer - $7.00
Heathkit IG-102 RF SIG GEN - $12.00
Heathkit IM-17 Voltmeter - $4.00
Collins 30L1 Amplifier Manual, repro - $10.00
Heathkit IM-21 VTVM - $4.00
Heathkit IM-28 VTVM - $12.00
Heathkit IM-2320 VOM - $4.00
Heathkit MC1 charger - $3.00
Heathkit MM-1 VOM - $6.00
Heathkit SB-10 Manual - $12.00
Heathkit V-7A VTVM - $2.00
Heathkit Troubleshooting Tips - $2.00
Military AN/GRC-10 Test Set - $8.00
Military TS-452C/U Signal Generator - $12.00
Military AN/UPM-32 Radar Test Set - $3.00
Military AN/URM-48 Signal Generator - $3.00
Sprague Tel-ohmike Manual - $3.00
TENTEC DELTA 580 - $20.00

Shipping additional for all above items.

For complete list and details, see:
http://af4k.com/books.htm

73 - Brian Carling, AF4K

1088. FS: Heathkit Knobs

Yahoo group: heathkitnovicestations
Date: 2016-06-17 22:27:30 UTC
From: Bry Carling
Topic: 1088 Message: 1088

Here is a group of 7 grey, medium sized knobs and a handle suitable for vintage Heathkit equipment such as DX35, DX40, DX100, Test gear, Sixer etc. Includes a
HANDLE also. Like new. Everything is in great condition. E-mail me for a picture on request to see details, please.

Yours for $20.00 plus shipping.

1089. FS: Heathkit GD-1B Grid Dip Meter

Yahoo group: heathkitnovicestations
Date: 2016-07-07 19:36:33 UTC
From: Bry Carling
Topic: 1089 Message: 1089

FOR SALE: I have an extra nice Heathkit GD-1B Grid Dip Meter.
Looks better than any I have seen. This was from an estate and it works perfectly.

Comes with the original box of coils containing all the coils plus two extra coils.
The AC cable is in excellent condition and the GDO is fully working.
This was obviously looked after very carefully; 100% clean and no scratches or dents.

Available for $65.00 plus shipping.

(I also have a really nice Millen GDO complete with box etc., for $95.00)

Pictures and details at:
http://af4k.com/testgear.htm

73 - Bry Carling, AF4K

1090. Fwd: [heathkitnovicestations] FS: Heathkit GD-1B Grid Dip Meter

Yahoo group: heathkitnovicestations
Date: 2016-07-23 21:38:28 UTC
From: Charles Terry Aldridge
Topic: 1090 Message: 1090

Still for sale ?

Charles Terry Aldridge km9n

Begin forwarded message:

> From: "Bry Carling af4k@... [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com>
> Date: July 7, 2016 at 2:36:33 PM CDT
> To: "heathkit@yahoogroups.com" <heathkit@yahoogroups.com>, heathkitnovicestations At
Yahoo <heathkitnovicestations@yahoogroups.com>, "heathkit-radios@yahoo.com"
<heathkit-radios@...>
> Subject: [heathkitnovicestations] FS: Heathkit GD-1B Grid Dip Meter
> Reply-To: heathkitnovicestations@yahoogroups.com
>
>
> FOR SALE: I have an extra nice Heathkit GD-1B Grid Dip Meter.
> Looks better than any I have seen. This was from an estate and it works perfectly.
>
> Comes with the original box of coils containing all the coils plus two extra coils.
> The AC cable is in excellent condition and the GDO is fully working.
> This was obviously looked after very carefully; 100% clean and no scratches or dents.
>
> Available for $65.00 plus shipping.
>
> (I also have a really nice Millen GDO complete with box etc., for $95.00)
>
> Pictures and details at:
> http://af4k.com/testgear.htm
>
> 73 - Bry Carling, AF4K
>

1091. NOVICE RIG NEWS!!!

Yahoo group: heathkitnovicestations
Date: 2016-07-31 02:08:18 UTC
From: Bry Carling
Topic: 1091 Message: 1091

NOVICE RIG ROUNDUP NEWS...
There are some exciting things ahead including the 2017 NRR Event coming up in February.
Now is the time to prepare your station AND your license!
REMEMBER this year there are BONUS POINTS for contacting ANY station with WN or KN in their prefix!!

There will be at LEAST one or two club stations on with the WN / KN prefix and a few of our existing members
already have a WN or KN call sign!

For full details please sign up with Bob K5MYJ for a membership number, and check out hte NRR web site at:

http://NoviceRigRoundup.com

73 - Bry Carling AF4K
Co-chair, NRR

1092. FS: Heathkit DX-100 Manual and Drive Pot

Yahoo group: heathkitnovicestations
Date: 2016-08-12 17:47:57 UTC
From: Bry Carling
Topic: 1092 Message: 1092

FOR SALE:

Heathkit DX-100 Manual - all original and in good condition.
PLUS - booklet of official Heathkit DX100 modifications, 27 pages. Also, articles on improved
keying etc. etc.
Available for $10.00 plus $5.00 shipping.

ALSO - Heathkit DX100 Drive Pot. Used but fully tested. 25 Kilohms 3 watts
From a working DX100. Available for $10.00 plus $5.00 shipping.

Please reply off list - Bry Carling AF4K
af4k@...

1093. FS: Ceramic 1625 sockets for DX100

Yahoo group: heathkitnovicestations
Date: 2016-08-16 21:15:55 UTC
From: Bry Carling
Topic: 1093 Message: 1093

For sale: TWO (2) Ceramic 1625 sockets for Heathkit DX100 transmitter. Modulator power stage
uses two such tubes in "Grunt-Groan." (P-P)
These come complete with the mounting hardware plus the grid resistors and
the 0.1 uF / 600 V DC capacitor.

Available for $15.00 plus shipping.

Bry, AF4K

1094. New call sign: WN4NRR

Yahoo group: heathkitnovicestations
Date: 2016-09-13 10:43:08 UTC
From: Bry Carling
Topic: 1094 Message: 1094

Good morning all - a new call sign was issued by the FCC and so you will soon hear WN4NRR - "NOVICE RIG ROUNDUP" beginning later today!

73 - Bry, AF4K / WN4NRR

1095. Re: [heathkitnovicestations] New call sign: WN4NRR

Yahoo group: heathkitnovicestations
Date: 2016-09-13 22:05:25 UTC
From: N2EY@...
Topic: 1094 Message: 1095

Nicely done, sir! Very nicely done!

73 de Jim, N2EY

In a message dated 9/13/2016 6:43:15 A.M. Eastern Daylight Time, heathkitnovicestations@yahoogroups.com writes:

Good morning all - a new call sign was issued by the FCC and so you will soon hear WN4NRR - "NOVICE RIG ROUNDUP" beginning later today!

73 - Bry, AF4K / WN4NRR

1096. FS: Heathkit HW30 Transceivers $30 each

Yahoo group: heathkitnovicestations
Date: 2016-10-21 15:34:11 UTC
From: Bry Carling
Topic: 1096 Message: 1096

Two Meter AM is alive!

FS: Two Heathkit HW30 Benton Harbor Lunchboxes! Crystal-controlled transmitter, and a tunable

superregenerative receivers with RF stage. The transmitters
with up to 5-watt input are more than

adequate for "local" net
operations and the communication range of all models is unlimited

under
"skip" conditions. Other features include: frequency multipliers on the 6
& 2 meter versions

to provide straight-through finals from an
oscillator using a fundamental crystal in the 8 mc range;

built-in final
amplifier metering jack, and "press-to-talk" transmit/receive switch on

the front panel with "transmit-hold" position. These are almost complete and being sold "as-is."

Will include docs and a manual copy.

One has a meter added. One has a power cable. I also have the original MICs for these for additional $$.

First come, first served. Your choice if you are first!

TWOers available for $30.00 each plus shipping.

Original Astatic microphone for Twoer = $30.00 OR - if purchased WITH a TWOer, then $25.00 each.

ALSO - I have two 8025 kHz Crystals for use with the TWOer to go on the
popular 144.450 MHz AM

calling frequency - $16.00 each or if purchased
WITH a TWOer, then $10.00 each.

Shipping additional.

Pictures and details at:
http://af4k.com/radios.htm

73 - Bry Af4K

1097. FS: Heathkit Manuals

Yahoo group: heathkitnovicestations
Date: 2017-01-16 18:01:34 UTC
From: Bry Carling
Topic: 1097 Message: 1097

FOR SALE:
These are all good, clean manuals only!
Heathkit AR-14 receiver (Vintage Manuals) $8.00
Heathkit CI-1040 Timing Light - $3.00
Heathkit DX60B Transmitter - $16.00
Heathkit DX100B modification notes - no charge
Heathkit GP-21 Battery Charger - $2.00
Heathkit GR-5B Clock - $6.00
Heathkit HD-1234 coaxial switch - $2.00
Heathkit HN31 Cantenna - $2.00
Heathkit HS24 speaker - $2.00
Heathkit HW-101 mod notes, no charge
Heathkit IG-102 RF Sig Gen - $8.00
Heathkit IM-2320 Multimeter - $8.00
Heathkit MC1 - Converter-Charger - $3.00
Heathkit MM-1 VOM - $6.00
Heathkit SB-600 copy - no charge
Hallicrafters SX-140 copy - no charge

USA only. Media rate shipping is additional for all items.

Best regards - Brian Carling, AF4K
E-mail: af4k@hotmail.com

1098. Re: Heathkit Manuals

Yahoo group: heathkitnovicestations
Date: 2017-01-16 19:22:05 UTC
From: Bry Carling
Topic: 1098 Message: 1098

Some of these have sold - here is the list of what remains:

FOR SALE:
These are all good, clean manuals only!
Heathkit AR-14 receiver (Vintage Manuals) $8.00
Heathkit CI-1040 Timing Light - $3.00
Heathkit DX60B Transmitter - $16.00
Heathkit GP-21 Battery Charger - $2.00
Heathkit HD-1234 coaxial switch - $2.00
Heathkit HN31 Cantenna - $2.00
Heathkit HS24 speaker - $2.00
Heathkit IG-102 RF Sig Gen - $8.00
Heathkit IM-2320 Multimeter - $8.00
Heathkit MM-1 VOM - $6.00
Heathkit SB-600 copy - no charge

USA only. Media rate shipping is additional for all items.

Best regards - Brian Carling, AF4K
E-mail: af4k@...

<http://www.qsl.net/donate.html>

_____
Heathkit mailing list
Home: http://mailman.qth.net/mailman/listinfo/heathkit
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:Heathkit@...

List Administrator: Duane Fischer, W8DBF
** For Assistance: dfischer at usol.com **

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

1099. FS Knobs

Yahoo group: heathkitnovicestations
Date: 2017-01-24 14:52:41 UTC
From: Bry Carling
Topic: 1099 Message: 1099

I have a bunch of clean, smaller knobs for sale - SB-101 style and some DX40 style (gray only.)

If interested contact me off the list and I will count them and set up a deal with you.

Bry Carling, AF4K

af4k@...

1100. FS: Heathkit Knobs

Yahoo group: heathkitnovicestations
Date: 2017-01-25 13:02:17 UTC
From: Bry Carling
Topic: 1099 Message: 1100

FOR SALE:
I have for sale Nine (9) knobs for the Heathkit SB-101. They are all the same approx. 1 inch diameter knobs. No larger or smaller ones. See picture. These look like they are new. Probably not removed from equipment. Available for $5.00 each. OR I will sell all nine for $40.00 plus shipping.

ALSO:
I have for sale Nine (9) knobs for the Heathkit DX40 etc. SEVEN are the approx. 1 inch diameter knobs. TWO are the smaller, approx 1/3 inch knobs as shown in the picture. These look excellent, like new. They will also work fine with other Heathkit radios and accessories.

Available for $5.00 each. OR I will sell all nine for $40.00 plus shipping.

73 - Brian "Bry" Carling, AF4K

E: af4k (AT) hotmail (DOT) com
http://af4k.com/miscpart.htm
AF4K Miscellaneous RADIO ACCESSORIES FOR SALE<http://af4k.com/miscpart.htm>
af4k.com
CLICK "VIEW CART" IN ORDER TO CHECK OUT AND PAY !! This is older, used electronic equipment that may have seen many owners. Most of it works now, and it should not ...

1101. Novice Rig Roundup?

Yahoo group: heathkitnovicestations
Date: 2017-02-06 06:17:22 UTC
From: Bob Macklin
Topic: 1101 Message: 1101

Is anyone still watching this group?

Does everyone know about the Novice Rig Roundup?

This is a good time to play with your Heathkit Novice rigs.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1102. Re: [heathkitnovicestations] Novice Rig Roundup?

Yahoo group: heathkitnovicestations
Date: 2017-02-06 07:16:51 UTC
From: <w7dra@...>
Topic: 1101 Message: 1102

i have my 40 meter nc 125/ 12sk7/12a6/2x807 and vertical dipole up and running, land my 80m nc57 6ag7/807/weakly powered 810 and dipole running in the basement.no more cold cabins in the woods for me this year

mike w7dra

On Mon, 6 Feb 2017 06:17:22 +0000 "Bob Macklin macklinbob@... [heathkitnovicestations]" <heathkitnovicestations@yahoogroups.com> writes:

Is anyone still watching this group?

Does everyone know about the Novice Rig Roundup?

This is a good time to play with your Heathkit Novice rigs.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

How To Fix Your Fatigue (Do This Every Day)
Gundry MD
http://thirdpartyoffers.juno.com/TGL3141/589823097ffce23092550st03vuc

1103. Re: [heathkitnovicestations] Novice Rig Roundup?

Yahoo group: heathkitnovicestations
Date: 2017-02-06 07:41:33 UTC
From: Bob Macklin
Topic: 1101 Message: 1103

And this evening you got SNOW!

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@... [heathkitnovicestations]<mailto:w7dra@...%20[heathkitnovicestations]>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Sunday, February 05, 2017 11:16 PM
Subject: Re: [heathkitnovicestations] Novice Rig Roundup?

i have my 40 meter nc 125/ 12sk7/12a6/2x807 and vertical dipole up and running, land my 80m nc57 6ag7/807/weakly powered 810 and dipole running in the basement.no more cold cabins in the woods for me this year

mike w7dra

On Mon, 6 Feb 2017 06:17:22 +0000 "Bob Macklin macklinbob@...<mailto:macklinbob@...> [heathkitnovicestations]"
<heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>>
writes:

Is anyone still watching this group?

Does everyone know about the Novice Rig Roundup?

This is a good time to play with your Heathkit Novice rigs.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

How To Fix Your Fatigue (Do This Every Day)
Gundry MD
<http://thirdpartyoffers.juno.com/TGL3142/589823097ffce23092550st03vuc>http://thirdpartyoffers.juno.com/TGL3142/589823097ffce23092550st03vuc
[SponsoredBy Content.Ad]

1104. RE: Novice Rig Roundup? / NRR Coming Soon Bob!!

Yahoo group: heathkitnovicestations
Date: 2017-02-09 01:00:09 UTC
From: Bry Carling
Topic: 1104 Message: 1104

Hello Bob Macklin,

It occurs to me that you haven;t registered yet to use the online logging program for the NRR.

Without it you will be at a considerable disadvantage this year!

Please sign up ASAP and give it a try. I think you will like it!!

Please see:

http://www.novicerigroundup.com/nrrLog/login1.php

Thanks - Bry AF4K

Novice Rig Roundup?
Posted by: "Bob Macklin" macklinbob@... k5myj
Date: Sun Feb 5, 2017 10:17 pm ((PST))

Is anyone still watching this group?

Does everyone know about the Novice Rig Roundup?

This is a good time to play with your Heathkit Novice rigs.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1105. FS: Heathkit Manuals and Knobs etc.

Yahoo group: heathkitnovicestations
Date: 2017-02-09 19:50:12 UTC
From: Bry Carling
Topic: 1099 Message: 1105

For Sale: Original Manuals for:

Heathkit IM-17 Voltmeter $5.00

Drake MN-2000 Tuner - $8.00

Drake W4 Wattmeter - $5.00

ALSO: Nine (9) knobs for the Heathkit SB-101. They are all the same approx. 1 inch diameter knobs. No larger or smaller ones. See picture. These look like they are new. Probably not removed from equipment. Available for $5.00 each. OR I will sell all nine for $40.00 plus shipping.

ALSO:
I have for sale Six (6) knobs for the Heathkit DX40 etc. FIVE are the approx. 1 inch diameter knobs. ONE is the smaller, approx 1/3 inch knob as shown in the picture. These look excellent, like new. They will also work fine with other Heathkit radios and accessories.

Available for $5.00 each. OR I will sell all six for $25.00 plus shipping.

Shipping additional.

73 - Brian "Bry" Carling, AF4K

E: af4k (AT) hotmail (DOT) com
http://af4k.com/miscpart.htm
AF4K Miscellaneous RADIO ACCESSORIES FOR SALE<http://af4k.com/miscpart.htm>
af4k.com
CLICK "VIEW CART" IN ORDER TO CHECK OUT AND PAY !! This is older, used electronic equipment that may have seen many owners. Most of it works now, and it should not ...

1106. Re: Novice Rig Roundup? / NRR Coming Soon Bob!!

Yahoo group: heathkitnovicestations
Date: 2017-02-09 23:24:48 UTC
From: JAMES HANLON
Topic: 1104 Message: 1106

Bry,

What is the date of the NRR and what are the frequencies, please.

thanks,

Jim, W8KGI

From: heathkitnovicestations@yahoogroups.com <heathkitnovicestations@yahoogroups.com> on behalf of Bry Carling af4k@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, February 8, 2017 6:00:09 PM
To: NRR NRR
Cc: heathkitnovicestations At Yahoo
Subject: [heathkitnovicestations] RE: Novice Rig Roundup? / NRR Coming Soon Bob!!

Hello Bob Macklin,

It occurs to me that you haven;t registered yet to use the online logging program for the NRR.

Without it you will be at a considerable disadvantage this year!

Please sign up ASAP and give it a try. I think you will like it!!

Please see:

http://www.novicerigroundup.com/nrrLog/login1.php

Thanks - Bry AF4K

Novice Rig Roundup?
Posted by: "Bob Macklin" macklinbob@... k5myj
Date: Sun Feb 5, 2017 10:17 pm ((PST))

Is anyone still watching this group?

Does everyone know about the Novice Rig Roundup?

This is a good time to play with your Heathkit Novice rigs.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

1107. Novice Rig Roundup

Yahoo group: heathkitnovicestations
Date: 2017-02-12 01:44:11 UTC
From: Bry Carling
Topic: 946 Message: 1107

Hello Jim,

It all begins next Friday at 7 PM EST / 6 PM PST.

All the old novice bands: 80,40,15,10 and 2m.

Full details at:

http://NoviceRigRoundup.com

NOVICE RIG ROUNDUP 2017<http://novicerigroundup.com/>
novicerigroundup.com
ANNOUNCING NOVICE RIG ROUNDUP 2017!!! The dates are 0000 UTC on FEB 18 through 2359 UTC on FEB 26, 2017 - that is 9 full days (UTC.) GOOD NEWS: THIS WILL COVER two ...

Please sign up NOW for the Online Logging program ,and register to win the VIZ KEY PRIZE!!

AT:

http://www.novicerigroundup.com/nrrLog/login1.php

73 - Bry AF4K

Posted by: "JAMES HANLON" knjhanlon@...

Bry,

What is the date of the NRR and what are the frequencies, please.

thanks,

Jim, W8KGI

1108. FS or Trade: HEATHKIT AR-14

Yahoo group: heathkitnovicestations
Date: 2017-02-28 23:12:05 UTC
From: Bry Carling
Topic: 1108 Message: 1108

For sale or trade
Heathkit AR-14 receiver. This is a fine old FM Stereo BC Band receiver with
AUX and Phono inputs.

Cosmetically it is a 10.
Electrically, it may have some slight distortion but sounds good to me. Could be my speakers. Receives FM stations with excellent quality and amplifies the audio from the inputs successfully.

Price is negotiable or I would swap for some ham radio item or other that you do not want. It does not have to be anything Heathkit. w.h.y? (What Have You?)

Bry Carling, AF4K
117 Sterling Pine St.
Sanford, FL 32773

Tel: 321-262-5471

1109. FS: Heathlkit DX100 parts

Yahoo group: heathkitnovicestations
Date: 2017-03-11 20:23:54 UTC
From: Bry Carling
Topic: 1109 Message: 1109

FOR SALE:

Heathlkit DX100 parts...

http://af4k.com/DX100_parts.htm

<http://af4k.com/DX100_parts.htm>

73 - Bry Carling, AF4K
<http://af4k.com/DX100_parts.htm>

<http://af4k.com/DX100_parts.htm>

<http://af4k.com/DX100_parts.htm>

1110. FS: Heathkit Knobs

Yahoo group: heathkitnovicestations
Date: 2017-04-04 12:46:28 UTC
From: Bry Carling
Topic: 1088 Message: 1110

FOR SALE: Heahtkit Knobs

All in excellent condition.

KNOBS for DX40 etc.

These are the Gray Knobs

LARGE = $5.00 each, small = $3.00 each

KNOBS for the SB series:
These are the dark green knobs with aluminum skirt, 1 1/8 inch in diameter. They are the medium size knobs used in all of the

Heathkit SB series transceivers, xmtrs receivers and accessories.

I have 9 available for $3.00 each.

Please reply OFF list to

AF4K (at) hotmail (dot) com

73 de AF4K, Bry Carling

http://af4k.com/miscpart.htm

1111. Re: [Glowbugs] FS: Heathkit Knobs

Yahoo group: heathkitnovicestations
Date: 2017-04-06 20:05:14 UTC
From: Bry Carling
Topic: 1088 Message: 1111

The SB series knobs are sold ...

All of the DX40 and DX100 knobs are still available for sale.

Best regards - Brian Carling, AF4K

Tel: 321-262-5471

On Apr 4, 2017, at 8:46 AM, Bry Carling <AF4K@hotmail.com<mailto:AF4K@hotmail.com>> wrote:

FOR SALE: Heahtkit Knobs

All in excellent condition.

KNOBS for DX40 etc.

These are the Gray Knobs

LARGE = $5.00 each, small = $3.00 each

KNOBS for the SB series:
These are the dark green knobs with aluminum skirt, 1 1/8 inch in diameter. They are the medium size knobs used in all of the

Heathkit SB series transceivers, xmtrs receivers and accessories.

I have 9 available for $3.00 each.

Please reply OFF list to

AF4K (at) hotmail (dot) com

73 de AF4K, Bry Carling

http://af4k.com/miscpart.htm

--
--
ZCZC
This is a transmission from the Glowbugs list
To unsubscribe from this group, send email to
tetrode+unsubscribe@googlegroups.com<mailto:tetrode+unsubscribe@googlegroups.com>
For more options, visit this group at
http://groups.google.com/group/tetrode?hl=en
NNNN

You received this message because you are subscribed to the Google Groups "Glowbugs" group.
To unsubscribe from this group and stop receiving emails from it, send an email to

tetrode+unsubscribe@googlegroups.com<mailto:tetrode+unsubscribe@googlegroups.com>.
For more options, visit https://groups.google.com/d/optout.

1112. FS: Heathkit HW8 Transceivers

Yahoo group: heathkitnovicestations
Date: 2017-05-29 13:00:57 UTC
From: Bry Carling
Topic: 1112 Message: 1112

For sale:

TWO HW-8 Heathkit QRP radios. Both are fully working.

ONE HWA-7 power supply for use with either of the above radios.

Descriptions:

#1 HW8 is stock and appears to be unmodified. Works fine and I have made QSOs on it. Picture on request. Available for $125.00

#2 HW8 is modified with some pretty fancy improvements. Has a built-in speaker, and extra switches. for various functions. Details and picture on request. Available for $135.00

#3 HWA-7 is in good shape and works fine. Cables included.

Available for $60.00 alone or buy for $50.00 with either or both radios above.

Shipping additional.

Best regards - Brian Carling, AF4K

1113. Re: Heathkit HW8 Transceivers

Yahoo group: heathkitnovicestations
Date: 2017-05-29 23:37:20 UTC
From: Bry Carling
Topic: 1112 Message: 1113

Thank you to all who inquired. The Two HW8s have been sold, pending payment.

Bry AF4K

From: HeathKit-Radios@yahoogroups.com <HeathKit-Radios@yahoogroups.com> on behalf of Bry Carling af4k@hotmail.com [HeathKit-Radios] <HeathKit-Radios@yahoogroups.com>
Sent: Monday, May 29, 2017 9:00 AM
To: Heathkit Yahoo; HeathKit-Radios@yahoogroups.com; heathkitnovicestations At Yahoo; heathkit@...
Subject: [HeathKit-Radios] FS: Heathkit HW8 Transceivers

For sale:

TWO HW-8 Heathkit QRP radios. Both are fully working.

ONE HWA-7 power supply for use with either of the above radios.

Descriptions:

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#2 HW8 is modified with some pretty fancy improvements. Has a built-in speaker, and extra switches. for various functions. Details and picture on request. Available for $135.00

#3 HWA-7 is in good shape and works fine. Cables included.

Available for $60.00 alone or buy for $50.00 with either or both radios above.

Shipping additional.

Best regards - Brian Carling, AF4K

1114. FREE: HW-101 Manual with many extra articles and notes

Yahoo group: heathkitnovicestations
Date: 2017-07-06 00:08:07 UTC
From: Bry Carling
Topic: 1114 Message: 1114

HW101 Manual etc. etc. free for postage

This is a special compendium consisting of a manual copy and numerous articles, mods, etc., plus a full size original fold out schematic. All in excellent shape. Heavy duty 3 ring binder.

Free to the first person who says they would like it. You just pay reasonable Media Rate postage.

Contact me off the list please.

73 - Brian Carling, AF4K

1115. Re: [heathkitnovicestations] FREE: HW-101 Manual with many extra articles and notes

Yahoo group: heathkitnovicestations
Date: 2017-07-06 02:45:51 UTC
From: Jon Schumacher
Topic: 1114 Message: 1115

Hi Brian,

I'm restoring an HW-101, so would be happy to receive it. Let me know
the shipping cost and I'll remit via PayPal or other means.

Jon Schumacher, K1NV

831 Savanna Street

Pahrump, Nevada 89048

On 7/5/2017 5:08 PM, Bry Carling af4k@...
[heathkitnovicestations] wrote:
>
> HW101 Manual etc. etc. free for postage
>
> This is a special compendium consisting of a manual copy and numerous
> articles, mods, etc., plus a full size original fold out schematic.
> All in excellent shape. Heavy duty 3 ring binder.
>
>
> Free to the first person who says they would like it. You just pay
> reasonable Media Rate postage.
>
>
> Contact me off the list please.
>
>
> 73 - Brian Carling, AF4K
>
>
>

1116. Re: FREE: HW-101 Manual with many extra articles and notes

Yahoo group: heathkitnovicestations
Date: 2017-07-06 10:17:49 UTC
From: Bry Carling
Topic: 1114 Message: 1116

The HW-101 manual has already spoken for. Thank you.

Best regards - Brian Carling, AF4K

_____
From: HeathKit-Radios@yahoogroups.com <HeathKit-Radios@yahoogroups.com> on behalf of Bry Carling af4k@... [HeathKit-Radios] <HeathKit-Radios@yahoogroups.com>
Sent: Wednesday, July 5, 2017 8:08 PM
To: HeathKit-Radios@yahoogroups.com; heathkitnovicestations At Yahoo
Subject: [HeathKit-Radios] FREE: HW-101 Manual with many extra articles and notes

HW101 Manual etc. etc. free for postage

This is a special compendium consisting of a manual copy and numerous articles, mods, etc., plus a full size original fold out schematic. All in excellent shape. Heavy duty 3 ring binder.

Free to the first person who says they would like it. You just pay reasonable Media Rate postage.

Contact me off the list please.

73 - Brian Carling, AF4K

1117. my HW100 +BFO + etc

Yahoo group: heathkitnovicestations
Date: 2017-08-10 06:05:53 UTC
From: <w7dra@...>
Topic: 1117 Message: 1117

i am thinking about replacing the Q multipliwer thingy wihit a real
he-man crystal filter. i have a tuneable 6au6 BFO so with a 455 kcs rock
i can build a simple crystal filter in the location of the Q multiplier.

you suggestions for a crystal for this usse?

mike w7dra

_____
Police Urge Americans to Carry This With Them at All Times
The Observer
http://thirdpartyoffers.juno.com/TGL3141/598bf7cdf2a0377cd0668st01vuc

1118. Re: [heathkitnovicestations] my HW100 +BFO + etc

Yahoo group: heathkitnovicestations
Date: 2017-08-10 09:34:23 UTC
From: Bob Macklin
Topic: 1117 Message: 1118

Mike,

Check this page:
https://www.digikey.com/product-detail/en/ecs-inc/ZTB455E/X921-ND/251697

This is probably the only 455KC device still available.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: w7dra@... [heathkitnovicestations]<mailto:w7dra@...%20[heathkitnovicestations]>
To: heathkitnovicestations@yahoogroups.com<mailto:heathkitnovicestations@yahoogroups.com>
Sent: Wednesday, August 09, 2017 11:05 PM
Subject: [heathkitnovicestations] my HW100 +BFO + etc

i am thinking about replacing the Q multipliwer thingy wihit a real
he-man crystal filter. i have a tuneable 6au6 BFO so with a 455 kcs rock
i can build a simple crystal filter in the location of the Q multiplier.

you suggestions for a crystal for this usse?

mike w7dra

_____
Police Urge Americans to Carry This With Them at All Times
The Observer
http://thirdpartyoffers.juno.com/TGL3141/598bf7cdf2a0377cd0668st01vuc

1119. FS: Various Radios and RF items

Yahoo group: heathkitnovicestations
Date: 2017-09-23 14:43:48 UTC
From: Bry Carling
Topic: 1119 Message: 1119

FOR SALE, several items surplus to my needs here.
(Pictures and details on request)

Hallicrafters S40B receiver - $75.00
Hallicrafters R46B Speaker - $50.00
James Millen 90800 HF Transmitter (6L6 / 807) - $99.00
Tektronix Type 109 Pulse Generator - $25.00
Astatic D104 Microphone, amplified, black PTT base - $25.00
Lafayette HA-500 receiver - $50.00
North Atlantic 503/10 Ratio Box - $50.00
Heathkit DX100 Cabinet - $20.00
Heathkit DX100 Chassis - $25.00
Heathkit DX100 VFO assembly - $25.00
BUD LF-601 Tunable Low Pass Filter - $18.00
Royce 23 channel CB synth style with mic and spkr base - $15.00
Bag of 10 new, surplus CB crystals (no choice) - $2.00
Bag of 20 new, surplus CB crystals (no choice) - $3.00
B&K 520B Transistor tester - $25.00
Murch MT-2000A Ultimate Transmatch - $150.00

Shipping is additional. Local pickup available in Florida.

E-mail: af4k@...

73 - Bry Carling
Amateur Radio AF4K

1120. Re: Various Radios and RF items

Yahoo group: heathkitnovicestations
Date: 2017-09-25 00:54:27 UTC
From: JAMES HANLON
Topic: 1119 Message: 1120

Bry,

I'm interested in that Bud Low Pass Filter. As I recall, it's rated to handle a kilowatt and it cuts off somewhere above 30 mHz. Is it still available, and what would it cost to ship it to New Mexico, zip code 87047?

Jim Hanlon, W8KGI

From: heathkitnovicestations@yahoogroups.com <heathkitnovicestations@yahoogroups.com> on behalf of Bry Carling af4k@... [heathkitnovicestations] <heathkitnovicestations@yahoogroups.com>
Sent: Saturday, September 23, 2017 8:43:48 AM
To: Heathkit Yahoo; HeathKit-Radios@yahoogroups.com; heathkitnovicestations At Yahoo
Subject: [heathkitnovicestations] FS: Various Radios and RF items

FOR SALE, several items surplus to my needs here.
(Pictures and details on request)

Hallicrafters S40B receiver - $75.00
Hallicrafters R46B Speaker - $50.00
James Millen 90800 HF Transmitter (6L6 / 807) - $99.00
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Astatic D104 Microphone, amplified, black PTT base - $25.00
Lafayette HA-500 receiver - $50.00
North Atlantic 503/10 Ratio Box - $50.00
Heathkit DX100 Cabinet - $20.00
Heathkit DX100 Chassis - $25.00
Heathkit DX100 VFO assembly - $25.00
BUD LF-601 Tunable Low Pass Filter - $18.00
Royce 23 channel CB synth style with mic and spkr base - $15.00
Bag of 10 new, surplus CB crystals (no choice) - $2.00
Bag of 20 new, surplus CB crystals (no choice) - $3.00
B&K 520B Transistor tester - $25.00
Murch MT-2000A Ultimate Transmatch - $150.00

Shipping is additional. Local pickup available in Florida.

E-mail: af4k@...

73 - Bry Carling
Amateur Radio AF4K

1121. FS: Heathkit DX100 Chasses and VFO (2 each)

Yahoo group: heathkitnovicestations
Date: 2017-12-10 21:05:53 UTC
From: Bry Carling
Topic: 1121 Message: 1121

FOR SALE: Heathkit DX100 Chasses and VFO (2 each)

I have TWO of each. One is copper the other is silver color.

One is DX100 and the other is DX100B. Up to you to figure out which is which. There is NO RUST and both are in decent condition with many parts attached. Transformers gone. No tubes and some switches etc. missing but a wealth of goodies remain.

Contact me if you would like pictures or details.

I am busy with a Valiant and a Globe Chief for AM and CW here so the DX100 chassises are surplus to my needs. Please take them off my hands or they are going to eBay next.

Chassis with parts - $25.00 each plus shipping

VFO assembly complete - $25.00 each plus shipping.

Sincerely,

Brian "Bry" Carling AF4K

1122. FS: Heathkit IR-18M

Yahoo group: heathkitnovicestations
Date: 2017-12-17 20:53:06 UTC
From: Bry Carling
Topic: 1122 Message: 1122

FOR SALE: Heathkit IR-18M Servo Chart Recorder.

Excellent condition, with original manual.

Available for $25.00 plus shipping

Brian "Bry" Carling, AF4K

Reply to:

My callsign at hotmail.com

1123. FS: Heathkit items

Yahoo group: heathkitnovicestations
Date: 2018-05-17 13:07:26 UTC
From: Bry Carling
Topic: 1006 Message: 1123

For sale

Heathkit DX40 Transmitter
Very good condition. No Crystal door.
Available for $115

Heathkit VF1 for the DX40, with cables.
Available for $60.

Heathkit SWR meter AM2
Available for $25

All of the above equipment is in good working condition.

Buy DX40 + VF1 for $145
Buy DX40 + VF1 + AM2 for $160

Shipping is additional on all items.

Email me for photographs or details.
Or to arrange per Shish. Please include your ZIP Code.

Best regards - Brian Carling, AF4K

Tel: 321-262-5471